

Converting Colors

HunterLab(78.3949, -27.0928,
-38.5165)

Have a look what the booklet for
HunterLab(78.3949, -27.0928,
-38.5165) contains.

HunterLab(77.5460, -32.7980, -25.1258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(77.5460,
-32.7980, -25.1258)**

Conversions

Conversions Part 1	
Format	Color
Hex	13DFFF
RGB	19, 223, 255
RGB Percent	7%, 87%, 100%
CMY	0.9253, 0.1255, 0.0000
CMYK	0.93, 0.13, 0.00, 0.00
HSL	188°, 100%, 54%
HSV	188°, 93%, 100%
XYZ	44.7062, 60.1338, 103.8585
YIQ	165.6520, -131.8560, -33.2960

Conversions

Conversions Part 2

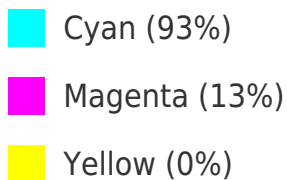
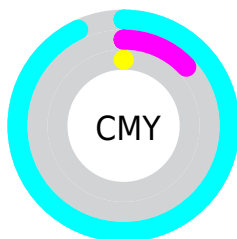
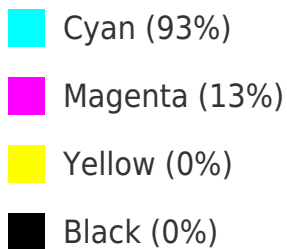
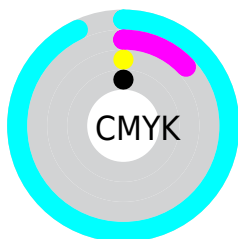
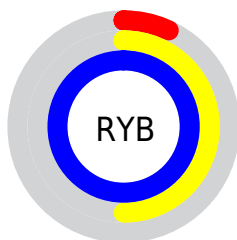
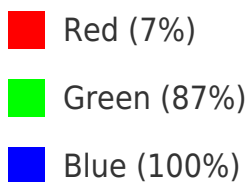
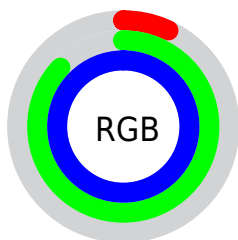
Format	Color
RYB	19, 128, 255
Decimal	1302527
CIELab	81.91, -33.18, -28.06
CIELCh	82, 43.456, 220.221
Yxy	60.1359, 0.2142, 0.2881
Android (android.graphics.Color)	4279492607 (0xFF13DFFF)
YUV	165.6520, 44.0486, -128.6138
Hunter-Lab	77.5460, -32.7980, -25.1258

Details

The HunterLab color **77.5460, -32.7980, -25.1258** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **48.6608, 70.9045, 30.4726**, and the grayscale version is **61.4785, -3.2803, 3.3402**.

A 20% lighter version of the original color is **90.9577, -38.3760, -6.2933**, and **56.3158, -22.4442, -21.9391** is the 20% darker color. If you saturate the color by 10%, you get **76.5683, -31.9941, -26.6377**, and if you desaturate by 10%, it is **79.0009, -33.3349, -22.9065**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.5460, -32.7980, -25.1258 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 77.5460, -32.7980, -25.1258 by changing the saturation by 10% instead.


 77.5460, -32.7980,
-25.1258


 77.5460, -32.7980,
-25.1258


206.1792,
-52.2654, -26.4444


 65.9759, -30.4289,
-24.7144


 102.4826,
-37.3531, -25.7735


 55.0452, -27.9769,
-24.2496


 115.7924,
-39.5618, -26.0163


 44.7953, -25.4181,
-23.7341


 129.6331,
-41.7357, -26.2067

 35.2749, -22.7181,
-23.1812

 143.9853,
-43.8810, -26.3469

 26.5448, -19.8245,
-22.6229

 158.8311,
-46.0029, -26.4389

 18.6843, -16.6524,
-22.1410


174.1549,

 11.8032, -13.9500,


-48.1053, -26.4846


-21.9700


189.9419,
-50.1919, -26.4858


 4.6007, -8.0513,
-32.7002


0.0000, NaN, -NF


 77.5460, -32.7980,
-25.1258


 77.5460, -32.7980,
-25.1258

 76.5683, -31.9941,
-26.6377

 79.0009, -33.3349,
-22.9065

 80.6675, -33.0656,
-20.4079

 82.5675, -31.9198,
-17.6170

 84.7120, -29.8705,
-14.5398

87.1058, -26.9234,
-11.1935

89.7484, -23.1084,
-7.6022

92.6358, -18.4728,
-3.7938

95.7612, -13.0752,
0.2029

99.1160, -6.9804,
4.3594

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5473, -40.2223, -2.9574



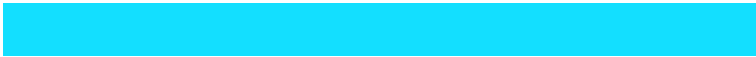
77.5460, -32.7980, -25.1258



77.5473, -17.4209, -41.6834

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.5473, -32.7981, -25.1237



77.5473, 37.9272, -10.0341



77.5473, -11.2227, 33.4438

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.5460, -32.7980, -25.1258



48.6608, 70.9045, 30.4726

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.5473, 10.0956, 32.5004



77.5460, -32.7980, -25.1258



77.5473, 40.0445, 10.7728

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5473, -32.7981, -25.1237



77.5473, 23.8856, -31.4814



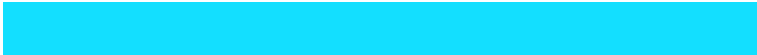
77.5473, 29.3940, 25.2662



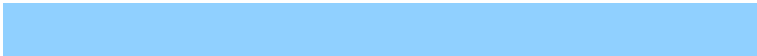
77.5473, -28.6794, 28.3189

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5460, -32.7980, -25.1258



77.5473, -3.9850, -45.2457



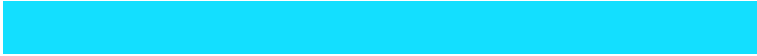
77.5473, 29.3940, 25.2662



77.5473, -4.2987, 33.7838

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.5473, -32.7981, -25.1237



91.0265, -21.1068, -5.9021



84.7901, -71.2982, 48.8486



41.5492, -10.6488, -3.4803

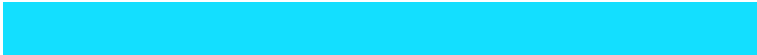
0.0000, NaN, NaN



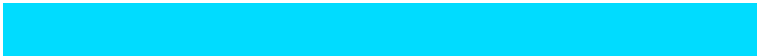
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5473, -32.7981, -25.1237



76.5683, -31.9941, -26.6377



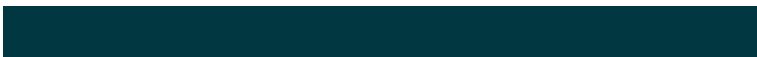
41.9253, 26.3800, -107.4965



44.7621, -5.2286, 0.6685



55.4947, -23.3174, -19.0281



17.6343, -7.6850, -5.4515

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52.0147, 97.0101, -45.8296



51.4292, 98.1645, -44.9871



70.3503, 17.5809, 43.1362



42.7264, 3.2708, -0.8982



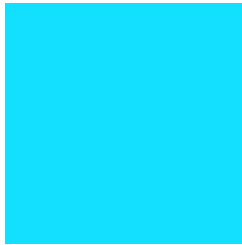
37.1980, 71.0365, -32.8137



11.6553, 22.3353, -10.8806

Previews

White Background



This preview shows how the HunterLab color 77.5460, -32.7980, -25.1258 looks on a white background.

Color Contrast Check

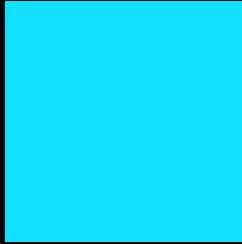
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 77.5460, -32.7980, -25.1258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 77.5460, -32.7980, -25.1258 Background



This preview shows how black text looks on a background with the HunterLab color 77.5460, -32.7980, -25.1258.



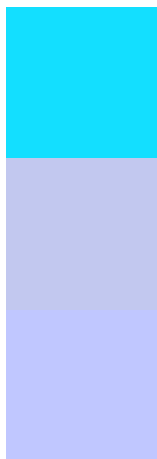
This preview shows how white text looks on a background with the HunterLab color 77.5460, -32.7980, -25.1258.

-32.7980, -25.1258.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

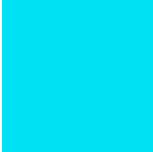
77.5460, -32.7980, -25.1258

Protanopia

76.8179, 1.4629, -15.6679

Deuteranopia

76.9892, 4.8702, -25.3326




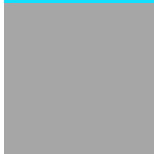
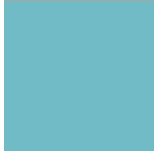
Tritanopia

77.6669, -36.8548, -17.5180

Trichromacy

	Original Color 77.5460, -32.7980, -25.1258
	Protanomaly 75.1333, -16.8682, -22.1685
	Deuteranomaly 75.4976, -14.7110, -28.0339
	Tritanomaly 77.5061, -35.3799, -20.1748

Monochromacy

	Original Color 77.5460, -32.7980, -25.1258
	Achromatopsia 61.7516, -3.2949, 3.3551
	Achromatomaly 65.6723, -20.4111, -8.1242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.5460, -32.7980, -25.1258 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(19, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(19, 223, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(19, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 223, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 77.5460, -32.7980, -25.1258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(19, 223, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(19, 223, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(19, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(19, 223,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.5460, -32.7980, -25.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 223, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(19, 223,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor