

Converting Colors

HunterLab(85.5810, 26.0117,
-160.1256)

Have a look what the booklet for
HunterLab(85.5810, 26.0117,
-160.1256) contains.

HunterLab(75.3544, -28.8723, -28.5113)	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(75.3544,
-28.8723, -28.5113)**

Conversions

Conversions Part 1

Format	Color
Hex	28D8FF
RGB	40, 216, 255
RGB Percent	16%, 85%, 100%
CMY	0.8430, 0.1529, 0.0000
CMYK	0.84, 0.15, 0.00, 0.00
HSL	191°, 100%, 58%
HSV	191°, 84%, 100%
XYZ	43.4809, 56.7829, 103.2763
YIQ	167.8220, -117.4150, -25.1830

Conversions

Conversions Part 2

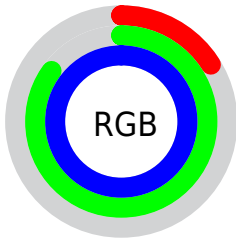
Format	Color
R_{YB}	40, 137, 255
Decimal	2676991
CIE _{Lab}	80.06, -28.78, -30.89
CIE _{LCh}	80, 42.217, 227.027
Yxy	56.7848, 0.2136, 0.2790
Android (android.graphics.Color)	4280867071 (0xFF28D8FF)
YUV	167.8220, 42.9788, -112.0999
Hunter-Lab	75.3544, -28.8723, -28.5113

Details

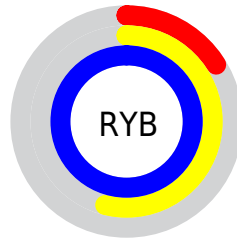
The HunterLab color **75.3544, -28.8723, -28.5113** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **51.9695, 61.6260, 30.8096**, and the grayscale version is **62.3690, -3.3279, 3.3886**.

A 20% lighter version of the original color is **91.1592, -37.6019, -6.0194**, and **54.3755, -19.8582, -25.0965** is the 20% darker color. If you saturate the color by 10%, you get **73.5484, -27.6813, -31.4310**, and if you desaturate by 10%, it is **77.3814, -29.2529, -25.3190**.

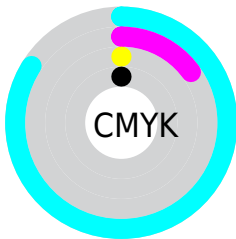
Distribution



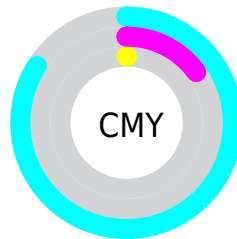
- Red (16%)
- Green (85%)
- Blue (100%)



- Red (16%)
- Yellow (54%)
- Blue (100%)



- Cyan (84%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.3544, -28.8723, -28.5113 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 75.3544, -28.8723, -28.5113 by changing the saturation by 10% instead.

75.3544, -28.8723,
-28.5113

75.3544, -28.8723,
-28.5113

203.1360,
-46.6344, -30.5890

63.9003, -26.7378,
-28.0205

100.0755,
-32.9933, -29.3273

53.0926, -24.5350,
-27.4831

113.2845,
-34.9995, -29.6559

42.9739, -22.2425,
-26.9077

127.0285,
-36.9792, -29.9323

33.5949, -19.8296,
-26.3178

141.2872,
-38.9377, -30.1580

25.0194, -17.2487,
-25.7676

156.0428,
-40.8792, -30.3348

17.3310, -14.4208,
-25.3911

171.2791,

10.6472, -12.6664,

-42.8073, -30.4644

-25.5776

186.9813,
-44.7249, -30.5486

■ 0.8040, -1.4070,
-201.1498

0.0000, NaN, -NF

■ 75.3544, -28.8723,
-28.5113

■ 75.3544, -28.8723,
-28.5113

■ 73.5484, -27.6813,
-31.4310

■ 77.3814, -29.2529,
-25.3190

■ 72.5911, -26.7392,
-33.0103

■ 79.6451, -28.7520,
-21.8550

■ 82.1559, -27.3472,
-18.1309

■ 84.9158, -25.0499,
-14.1709

87.9220, -21.8953,
-10.0048

91.1680, -17.9350,
-5.6637

94.6451, -13.2301,
-1.1784

98.3430, -7.8459,
3.4231

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



75.3557, -37.8904, -7.6245



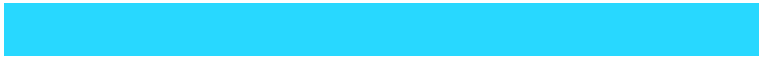
75.3544, -28.8723, -28.5113



75.3557, -12.6048, -41.9001

Triad

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



75.3557, -28.8724, -28.5092



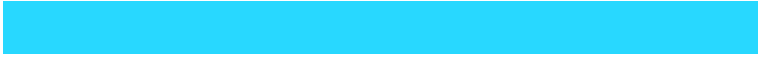
75.3557, 37.9954, -4.7368



75.3557, -15.1374, 31.7070

Complementary

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



75.3544, -28.8723, -28.5113



51.9695, 61.6260, 30.8096

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.



75.3557, 4.9570, 32.0941



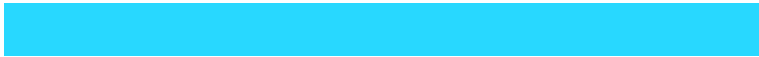
75.3544, -28.8723, -28.5113



75.3557, 37.1317, 14.2021

Square

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



75.3557, -28.8724, -28.5092



75.3557, 26.7760, -25.9180



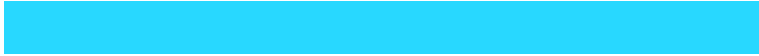
75.3557, 24.5282, 26.5599



75.3557, -30.5565, 25.3092

Rectangle

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



75.3544, -28.8723, -28.5113



75.3557, 0.8190, -42.9484



75.3557, 24.5282, 26.5599



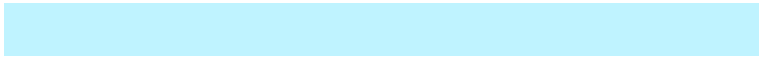
75.3557, -8.7493, 32.4704

Sweetspot

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



75.3557, -28.8724, -28.5092



90.9346, -18.2353, -5.9707



85.1418, -69.4667, 46.5051



41.5331, -9.1124, -3.4746

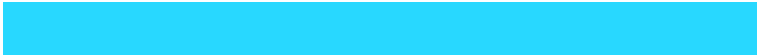
0.0000, NaN, NaN



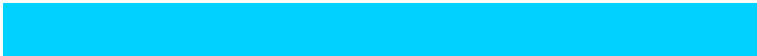
46.2646, -2.4686, 2.5136

Same Dimension

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



75.3557, -28.8724, -28.5092



72.5911, -26.7392, -33.0103



43.8063, 23.9249, -100.6355



44.5959, -4.9625, 0.4707



52.6658, -19.5880, -23.5429



16.8520, -6.6691, -6.6670

Inverse Universe

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



52.6661, 92.1928, -39.0722



50.8436, 96.1000, -37.1358



74.4454, 10.2929, 44.4527



42.7089, 3.1769, -0.6490



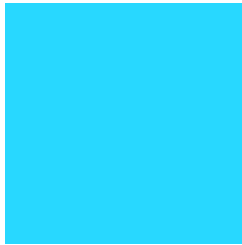
36.7805, 69.5649, -27.2190



11.5379, 21.9224, -9.3142

Previews

White Background



This preview shows how the HunterLab color 75.3544, -28.8723, -28.5113 looks on a white background.

Color Contrast Check

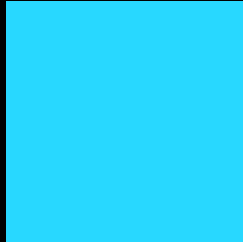
Large Text (above 18pt) WCAG AA × Fail

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 75.3544, -28.8723, -28.5113 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

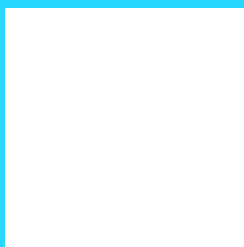
Any Text WCAG AAA ✓ Pass

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

HunterLab 75.3544, -28.8723, -28.5113 Background



This preview shows how black text looks on a background with the HunterLab color 75.3544, -28.8723, -28.5113.



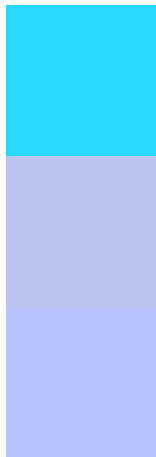
This preview shows how white text looks on a background with the HunterLab color 75.3544,

-28.8723, -28.5113.

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

75.3544, -28.8723, -28.5113

Protanopia

74.7571, 2.2596, -19.2772

Deuteranopia

74.7468, 5.0027, -28.8977



Tritanopia

75.3508, -35.6442, -17.2364

Trichromacy



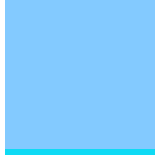
Original Color

75.3544, -28.8723, -28.5113



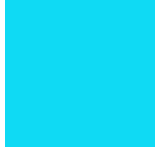
Protanomaly

73.7379, -13.6475, -24.2620



Deuteranomaly

73.6793, -11.3655, -30.9294



Tritanomaly

75.3499, -33.3198, -21.4991

Monochromacy



Original Color

75.3544, -28.8723, -28.5113



Achromatopsia

62.5758, -3.3389, 3.3999



Achromatomaly

65.5233, -17.5215, -9.3769

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.3544, -28.8723, -28.5113 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(40, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(40, 216, 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(40, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 216, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 75.3544, -28.8723, -28.5113 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(40, 216, 255) }
```


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

```
.border{ border-color:rgb(40, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(40, 216,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.3544, -28.8723, -28.5113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 216, 255) }
```

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

```
.background{ background-color: rgb(40, 216,  
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