

Converting Colors

HunterLab(77.6749, -45.1806,
5.1470)

Have a look what the booklet for
HunterLab(77.6749, -45.1806,
5.1470) contains.

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Color

**HunterLab(77.6595,
-45.2620, 5.3427)**

Conversions

Conversions Part 1

Format	Color
Hex	31E4C8
RGB	49, 228, 200
RGB Percent	19%, 89%, 78%
CMY	0.8078, 0.1059, 0.2157
CMYK	0.79, 0.00, 0.12, 0.11
HSL	171°, 77%, 54%
HSV	171°, 79%, 89%
XYZ	39.4354, 60.3100, 64.2062
YIQ	171.2870, -97.6960, -46.6560

Conversions

Conversions Part 2

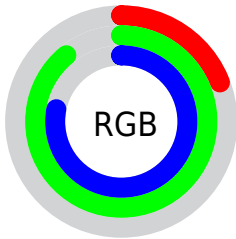
Format	Color
RYB	49, 146, 228
Decimal	3269832
CIELab	82.01, -49.52, 1.26
CIELCh	82, 49.534, 178.538
Yxy	60.3123, 0.2405, 0.3679
Android (android.graphics.Color)	4281459912 (0xFF31E4C8)
YUV	171.2870, 14.1555, -107.2457
Hunter-Lab	77.6595, -45.2620, 5.3427

Details

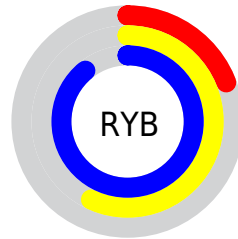
The HunterLab color **77.6595, -45.2620, 5.3427** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **43.8499, 63.4367, 18.6340**, and the grayscale version is **63.9089, -3.4100, 3.4723**.

A 20% lighter version of the original color is **91.1592, -37.6019, -6.0194**, and **56.1964, -35.0045, 5.3240** is the 20% darker color. If you saturate the color by 10%, you get **77.2765, -47.0211, 6.5257**, and if you desaturate by 10%, it is **78.2293, -42.7783, 4.3645**.

Distribution



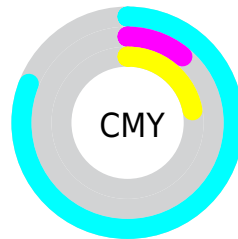
- Red (19%)
- Green (89%)
- Blue (78%)



- Red (19%)
- Yellow (57%)
- Blue (89%)



- Cyan (79%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)





- Cyan (81%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.6595, -45.2620, 5.3427 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 77.6595, -45.2620, 5.3427 by changing the saturation by 10% instead.


 77.6595, -45.2620,
5.3427


 77.6595, -45.2620,
5.3427


206.3366,
-71.3521, 12.7831

 66.0836, -41.9536,
4.6540


 102.6073,
-51.5330, 6.8117


 55.1466, -38.4930,
3.9958


 115.9223,
-54.5333, 7.5880


 44.8900, -34.8409,
3.3703


 129.7680,
-57.4625, 8.3912

 35.3623, -30.9409,
2.7792

 144.1250,
-60.3311, 9.2204

 26.6243, -26.7089,
2.2244

 158.9755,
-63.1478, 10.0749

 18.7551, -22.0127,
1.7079

174.3037,

 11.8639, -19.9395,

-65.9197, 10.9539

1.2314

190.0951,
-68.6528, 11.8569

■ 4.7144, -8.2503,
1.3676

0.0000, NaN, NaN

■ 77.6595, -45.2620,
5.3427

■ 77.6595, -45.2620,
5.3427

■ 77.2765, -47.0211,
6.5257

■ 78.2293, -42.7783,
4.3645

■ 77.0423, -48.1763,
7.8623

■ 79.0017, -39.5092,
3.6209

■ 77.0126, -48.3274,
8.0660

■ 79.9923, -35.4273,
3.1369

■ 81.2106, -30.5319,
2.9289

■ 82.6621, -24.8448,
3.0060

■ 84.3484, -18.4063,
3.3703

■ 86.2685, -11.2702,
4.0182

■ 88.4184, -3.4997,
4.9407

■ 90.7922, 4.8372,
6.1249

Harmonies

Analogous

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



77.6610, -39.8603, 23.8979



77.6595, -45.2620, 5.3427



77.6610, -40.8147, -19.9241

Triad

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



77.6610, -45.2624, 5.3436



77.6610, 19.2584, -45.3364



77.6610, 21.5532, 33.2156

Complementary

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



77.6595, -45.2620, 5.3427



43.8499, 63.4367, 18.6340

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.



77.6610, 40.9072, 22.4789



77.6595, -45.2620, 5.3427



77.6610, 39.4727, -22.4848

Square

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



77.6610, -45.2624, 5.3436



77.6610, -5.3267, -54.0260



77.6610, 47.8286, 3.0942



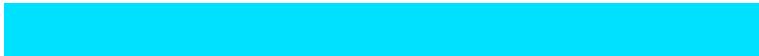
77.6610, -2.9621, 36.6485

Rectangle

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



77.6595, -45.2620, 5.3427



77.6610, -32.5152, -36.6035



77.6610, 47.8286, 3.0942



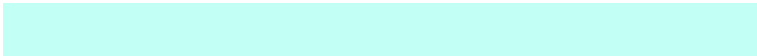
77.6610, 28.9844, 30.5414

Sweetspot

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



77.6610, -45.2624, 5.3436



94.6475, -25.1239, 3.5529



75.7405, -58.2841, 43.3750



43.4815, -12.8026, 1.5883

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6610, -45.2624, 5.3436



87.5557, -54.2402, 8.3169



58.6393, -13.3170, -38.3158



40.3678, -5.6185, 1.8498



58.5327, -36.6480, 5.9518



15.9444, -9.7635, 1.1475

Inverse Universe

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



43.8499, 63.4367, 18.6340



46.7604, 78.6997, 25.9513



52.5211, 37.1847, 29.7325



37.9534, 1.6288, 2.5077



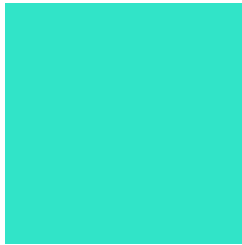
30.9963, 53.3514, 17.9414



8.4929, 14.7502, 3.8921

Previews

White Background



This preview shows how the HunterLab color 77.6595, -45.2620, 5.3427 looks on a white background.

Color Contrast Check

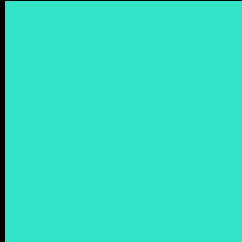
Large Text (above 18pt) WCAG AA × Fail

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 77.6595, -45.2620, 5.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

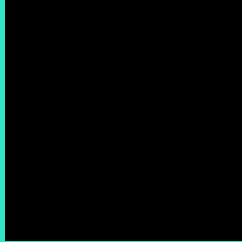
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

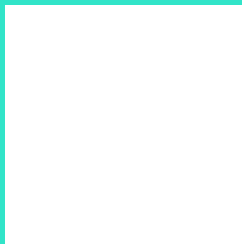
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.6595, -45.2620, 5.3427 Background



This preview shows how black text looks on a background with the HunterLab color 77.6595, -45.2620, 5.3427.



This preview shows how white text looks on a background with the HunterLab color 77.6595,

-45.2620, 5.3427.

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

77.6595, -45.2620, 5.3427

Protanopia

76.7969, -3.7174, 11.8212

Deuteranopia

76.8407, 5.4094, 1.8951



Tritanopia

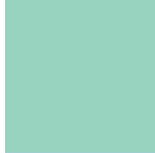
77.5050, -32.3871, -15.8724

Trichromacy



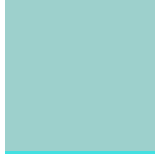
Original Color

77.6595, -45.2620, 5.3427



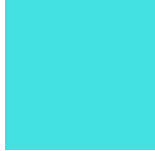
Protanomaly

75.4225, -24.6586, 7.7481



Deuteranomaly

75.2592, -19.3760, 1.0301



Tritanomaly

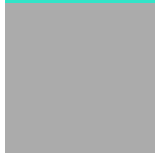
77.3988, -37.4490, -7.5305

Monochromacy



Original Color

77.6595, -45.2620, 5.3427



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

67.5194, -22.8659, 2.3429

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6595, -45.2620, 5.3427 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(49, 228, 200)` looks like.

```
.text, #text, p{  
    color:rgb(49, 228, 200)  
}
```

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(49, 228, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 228, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6595, -45.2620, 5.3427 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(49, 228, 200) }
```


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

```
.border{ border-color:rgb(49, 228, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 228, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 228, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 228, 200);  
box-shadow:4px 4px 4px 4px rgb(49, 228,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6595, -45.2620, 5.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 228, 200) }
```

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

```
.background{ background-color: rgb(49, 228,  
200) }
```

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](#).

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