

Converting Colors

HunterLab(77.4238, -45.8868,
2.5630)

Have a look what the booklet for
HunterLab(77.4238, -45.8868,
2.5630) contains.

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Color

**HunterLab(77.4166,
-45.9301, 2.6656)**

Conversions

Conversions Part 1

Format	Color
Hex	06E4CD
RGB	6, 228, 205
RGB Percent	2%, 89%, 80%
CMY	0.9763, 0.1059, 0.1961
CMYK	0.97, 0.00, 0.10, 0.11
HSL	174°, 95%, 46%
HSV	174°, 97%, 89%
XYZ	38.8380, 59.9333, 67.2790
YIQ	159.0000, -124.9290, -54.2170

Conversions

Conversions Part 2

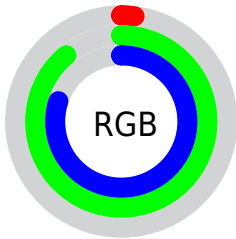
Format	Color
RYB	6, 123, 228
Decimal	451789
CIELab	81.80, -50.53, -1.72
CIELCh	82, 50.559, 181.953
Yxy	59.9356, 0.2339, 0.3609
Android (android.graphics.Color)	4278641869 (0xFF06E4CD)
YUV	159.0000, 22.6780, -134.1810
Hunter-Lab	77.4166, -45.9301, 2.6656

Details

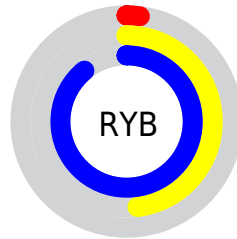
The HunterLab color **77.4166, -45.9301, 2.6656** is a dark color, and the websafe version is hex **00FFFF**. The color can be described as middle washed cyan. A complement of this color would be **40.8837, 69.4070, 24.7172**, and the grayscale version is **58.8351, -3.1393, 3.1966**.

A 20% lighter version of the original color is **90.6558, -39.5396, -6.7051**, and **56.3377, -34.1509, 3.3048** is the 20% darker color. If you saturate the color by 10%, you get **77.3734, -46.1492, 2.9128**, and if you desaturate by 10%, it is **77.6341, -44.9156, 1.7898**.

Distribution



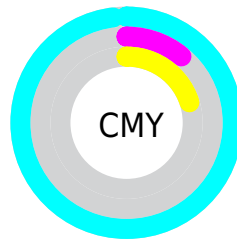
- Red (2%)
- Green (89%)
- Blue (80%)



- Red (2%)
- Yellow (48%)
- Blue (89%)



- Cyan (97%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)





- Cyan (98%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.4166, -45.9301, 2.6656 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 77.4166, -45.9301, 2.6656 by changing the saturation by 10% instead.


 77.4166, -45.9301,
2.6656


 77.4166, -45.9301,
2.6656


206.0001,
-72.4503, 9.0791

 65.8534, -42.5591,
2.1166


 102.3407,
-52.3140, 3.8752

 54.9299, -39.0308,
1.6061


 115.6446,
-55.3661, 4.5300

 44.6877, -35.3046,
1.1381


 129.4797,
-58.3444, 5.2164

 35.1755, -31.3223,
0.7166

 143.8264,
-61.2598, 5.9330

 26.4544, -26.9971,
0.3465

 158.6670,
-64.1214, 6.6785

 18.6039, -22.1927,
0.0349

173.9856,

 11.7342, -20.4064,

-66.9364, 7.4520

-0.2077

189.7677,
-69.7110, 8.2525

■ 4.4679, -7.8188,
-1.3552

0.0000, NaN, NaN

■ 77.4166, -45.9301,
2.6656

■ 77.4166, -45.9301,
2.6656

■ 77.3734, -46.1492,
2.9128

■ 77.6341, -44.9156,
1.7898

■ 78.0058, -43.2820,
1.1006

■ 78.5623, -40.9251,
0.6407

■ 79.3234, -37.7869,
0.4388

■ 80.3028, -33.8399,
0.5142

■ 81.5099, -29.0830,
0.8786

■ 82.9501, -23.5371,
1.5358

■ 84.6250, -17.2411,
2.4828

■ 86.5333, -10.2476,
3.7112

Harmonies

Analogous

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



77.4181, -41.5839, 22.5119



77.4166, -45.9301, 2.6656



77.4181, -40.2906, -23.5517

Triad

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



77.4181, -45.9304, 2.6665



77.4181, 22.4957, -44.4562



77.4181, 19.3622, 34.3168

Complementary

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



77.4166, -45.9301, 2.6656



40.8837, 69.4070, 24.7172

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.



77.4181, 40.1812, 24.4298



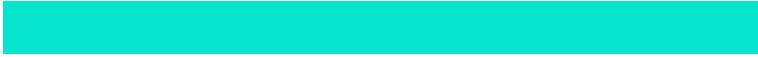
77.4166, -45.9301, 2.6656



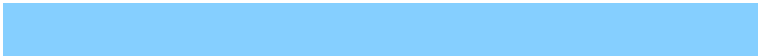
77.4181, 42.1432, -20.0438

Square

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



77.4181, -45.9304, 2.6665



77.4181, -2.5181, -55.5227



77.4181, 48.9826, 5.7303



77.4181, -5.7387, 37.0246

Rectangle

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



77.4166, -45.9301, 2.6656



77.4181, -31.1607, -40.2050



77.4181, 48.9826, 5.7303



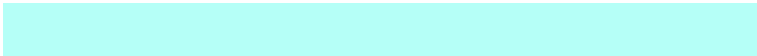
77.4181, 27.1964, 31.9151

Sweetspot

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



77.4181, -45.9304, 2.6665



93.8541, -27.9398, 1.5821



74.7048, -62.9429, 44.7930



43.0912, -14.1946, 0.5771

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.4181, -45.9304, 2.6665



87.8370, -52.4242, 3.3803



50.2609, -3.1111, -55.6715



40.3848, -5.5242, 1.6082



58.8033, -35.0146, 2.0875



16.0083, -9.3781, 0.2357

Inverse Universe

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



40.8837, 69.4070, 24.7172



46.1914, 79.2699, 28.5640



49.0023, 44.5864, 30.7654



37.9370, 1.5407, 2.7416



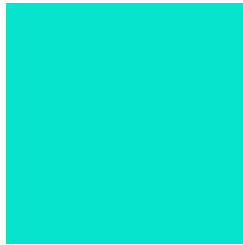
30.9347, 53.1231, 18.8536



8.4581, 14.6216, 4.4039

Previews

White Background



This preview shows how the HunterLab color 77.4166, -45.9301, 2.6656 looks on a white background.

Color Contrast Check

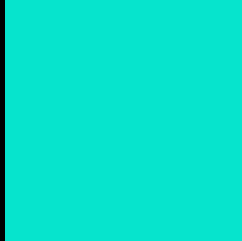
Large Text (above 18pt) WCAG AA × Fail

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 77.4166, -45.9301, 2.6656 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

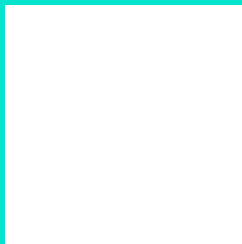
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.4166, -45.9301, 2.6656 Background



This preview shows how black text looks on a background with the HunterLab color 77.4166, -45.9301, 2.6656.



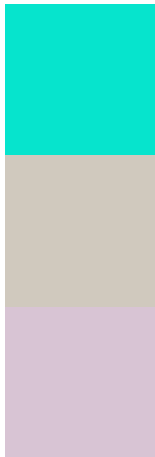
This preview shows how white text looks on a background with the HunterLab color 77.4166, -45.9301, 2.6656.

-45.9301, 2.6656.

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

77.4166, -45.9301, 2.6656

Protanopia

76.7469, -3.6112, 9.5935

Deuteranopia

76.7022, 5.2683, -0.7917



Tritanopia

77.4763, -34.1880, -16.5428

Trichromacy



Original Color

77.4166, -45.9301, 2.6656



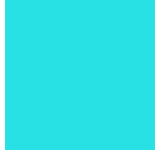
Protanomaly

74.6187, -27.3939, 4.4765



Deuteranomaly

74.3577, -22.3895, -2.6713



Tritanomaly

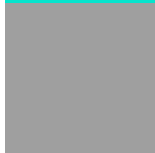
77.3842, -39.0831, -9.2369

Monochromacy



Original Color

77.4166, -45.9301, 2.6656



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

63.4816, -25.1335, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.4166, -45.9301, 2.6656 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(6, 228, 205)` looks like.

```
.text, #text, p{  
    color:rgb(6, 228, 205)  
}
```

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(6, 228, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 228, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 77.4166, -45.9301, 2.6656 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(6, 228, 205) }
```


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

```
.border{ border-color:rgb(6, 228, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 228, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 228, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 228, 205);  
box-shadow:4px 4px 4px 4px rgb(6, 228,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.4166, -45.9301, 2.6656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 228, 205) }
```

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

```
.background{ background-color: rgb(6, 228,  
205) }
```

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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