

Converting Colors

HunterLab(64.7443, -45.8558,
25.2037)

Have a look what the booklet for
HunterLab(64.7443, -45.8558,
25.2037) contains.

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Color

**HunterLab(64.7464,
-45.8546, 25.3221)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 38C56F |
| RGB | 56, 197, 111 |
| RGB Percent | 22%, 77%, 44% |
| CMY | 0.7804, 0.2274, 0.5647 |
| CMYK | 0.72, 0.00, 0.44, 0.23 |
| HSL | 143°, 56%, 50% |
| HSV | 143°, 72%, 77% |
| XYZ | 24.4664, 41.9210, 21.8410 |
| YIQ | 145.0370, -56.4300, -56.6380 |

Conversions

Conversions Part 2

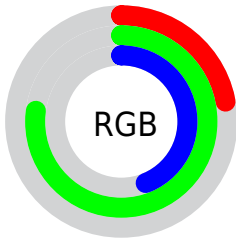
| Format | Color |
|-------------------------------------|--|
| RYB | 56, 157, 197 |
| Decimal | 3720559 |
| CIELab | 70.82, -56.15, 32.61 |
| CIELCh | 71, 64.928, 149.853 |
| Yxy | 41.9227, 0.2773, 0.4751 |
| Android (android.graphics.Color) | 4281910639 (0xFF38C56F) |
| YUV | 145.0370, -16.7802, -78.0854 |
| Hunter-Lab | 64.7464, -45.8546, 25.3221 |

Details

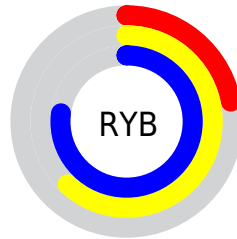
The HunterLab color **64.7464, -45.8546, 25.3221** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **40.8074, 56.8558, -11.0432**, and the grayscale version is **53.3093, -2.8445, 2.8964**.

A 20% lighter version of the original color is **88.4677, -53.2360, 30.0430**, and **44.3654, -35.3322, 20.8192** is the 20% darker color. If you saturate the color by 10%, you get **64.1991, -48.5193, 27.8111**, and if you desaturate by 10%, it is **65.4897, -42.3773, 22.6422**.

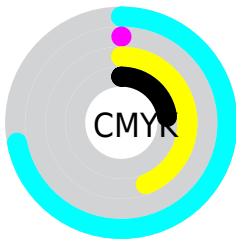
Distribution



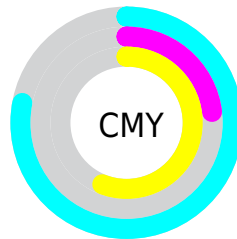
- Red (22%)
- Green (77%)
- Blue (44%)



- Red (22%)
- Yellow (62%)
- Blue (77%)



- Cyan (72%)
- Magenta (0%)
- Yellow (44%)
- Black (23%)





- Cyan (78%)
- Magenta (23%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.7464, -45.8546, 25.3221 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 64.7464, -45.8546, 25.3221 by changing the saturation by 10% instead.


 64.7464, -45.8546,
25.3221


 64.7464, -45.8546,
25.3221


188.1920,
-75.5440, 45.2069


 53.8895, -41.9474,
22.8217


 88.3643, -53.1484,
30.0621


 43.7169, -37.8054,
20.2011


 101.0591,
-56.5947, 32.3346


 34.2797, -33.3612,
17.4250


 114.3095,
-59.9367, 34.5586

 25.6405, -28.5136,
14.4433

 128.0931,
-63.1902, 36.7429

 17.8812, -23.1076,
11.7554

 142.3902,
-66.3682, 38.8946

 11.1158, -19.4527,
7.7811

157.1828,

 3.0085, -5.2649,

-69.4810, 41.0195

2.1059

172.4550,
-72.5372, 43.1223

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7464, -45.8546,
25.3221

■ 64.7464, -45.8546,
25.3221

■ 64.1991, -48.5193,
27.8111

■ 65.4897, -42.3773,
22.6422

■ 63.8258, -50.4192,
30.0762

■ 66.4371, -38.0699,
19.8047


■ 63.6143, -51.5545,
31.7791


■ 67.5974, -32.9469,
16.8470


■ 68.9741, -27.0452,
13.8067


■ 70.5670, -20.4197,

10.7202

 72.3735, -13.1374,
7.6216

 74.3882, -5.2723,
4.5411

 76.6043, 3.0995,
1.5043

 79.0135, 11.9038,
-1.4678

Harmonies

Analogous

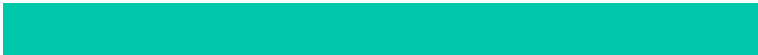
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.7477, -29.5330, 35.1774



64.7464, -45.8546, 25.3221



64.7477, -51.2897, 3.6637

Triad

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



64.7477, -45.8554, 25.3226



64.7477, -3.6047, -77.8721



64.7477, 53.9697, 25.1745

Complementary

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



64.7464, -45.8546, 25.3221



40.8074, 56.8558, -11.0432

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.



64.7477, 64.2145, 3.3848



64.7464, -45.8546, 25.3221



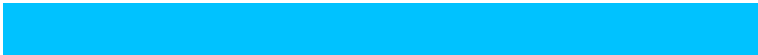
64.7477, 27.5329, -63.6231

Square

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



64.7477, -45.8554, 25.3226



64.7477, -29.7448, -63.3592



64.7477, 53.7758, -30.1753



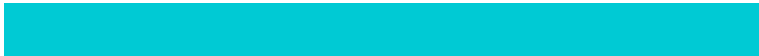
64.7477, 27.8327, 35.1230

Rectangle

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



64.7464, -45.8546, 25.3221



64.7477, -48.9393, -17.8025



64.7477, 53.7758, -30.1753



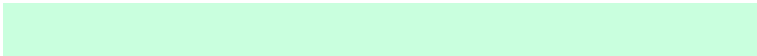
64.7477, 59.5758, 19.4091

Sweetspot

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



64.7477, -45.8554, 25.3226



94.4945, -27.0929, 14.2425



67.8639, -34.5921, 37.9429



43.4266, -13.7303, 7.1267

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.7477, -45.8554, 25.3226



85.6015, -66.5113, 38.9998



66.4024, -35.8478, 1.4699



34.5764, -5.4461, 3.2992



51.6060, -41.7181, 25.5545



11.2924, -8.6872, 4.6387

Inverse Universe

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



40.8074, 56.8558, -11.0432



50.3840, 85.6598, -11.8907



38.9527, 49.2618, 15.4149



32.7777, 2.0035, 0.4022



29.5278, 53.6531, -4.8414



6.5326, 12.0608, -2.5496

Previews

White Background



This preview shows how the HunterLab color 64.7464, -45.8546, 25.3221 looks on a white background.

Color Contrast Check

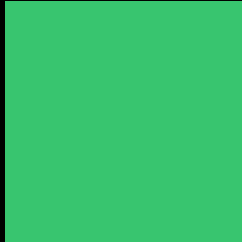
Large Text (above 18pt) WCAG AA × Fail

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 64.7464, -45.8546, 25.3221 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 64.7464, -45.8546, 25.3221 Background



This preview shows how black text looks on a background with the HunterLab color 64.7464, -45.8546, 25.3221.



This preview shows how white text looks on a background with the HunterLab color 64.7464, -45.8546, 25.3221.

-45.8546, 25.3221.

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

64.7464, -45.8546, 25.3221

Protanopia

64.1374, -6.9268, 28.0185

Deuteranopia

63.9234, 4.8066, 23.2857



Tritanopia

64.7524, -23.5854, -11.6762

Trichromacy



Original Color

64.7464, -45.8546, 25.3221



Protanomaly

62.9628, -25.4496, 25.7668



Deuteranomaly

62.3626, -19.1434, 22.3835



Tritanomaly

64.5786, -33.2613, 4.7486

Monochromacy



Original Color

64.7464, -45.8546, 25.3221



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

56.3516, -21.5818, 10.9984

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7464, -45.8546, 25.3221 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(56, 197, 111)` looks like.

```
.text, #text, p{  
    color:rgb(56, 197, 111)  
}
```

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(56, 197, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 197, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7464, -45.8546, 25.3221 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(56, 197, 111) }
```


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

```
.border{ border-color:rgb(56, 197, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 197, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 197, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 197, 111);  
box-shadow:4px 4px 4px 4px rgb(56, 197,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7464, -45.8546, 25.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 197, 111) }
```

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

```
.background{ background-color: rgb(56, 197,  
111) }
```

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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