

Converting Colors

HunterLab(64.6230, -45.3432,
38.4707)

Have a look what the booklet for
HunterLab(64.6230, -45.3432,
38.4707) contains.

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Color

**HunterLab(64.4702,
-45.1095, 38.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	60C313
RGB	96, 195, 19
RGB Percent	38%, 76%, 7%
CMY	0.6235, 0.2353, 0.9254
CMYK	0.51, 0.00, 0.90, 0.24
HSL	94°, 82%, 42%
HSV	94°, 90%, 76%
XYZ	24.4565, 41.5641, 7.3498
YIQ	145.3350, -2.5080, -75.7240

Conversions

Conversions Part 2

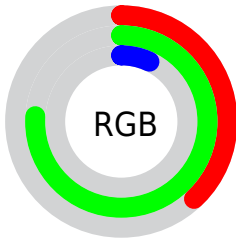
Format	Color
RYB	19, 195, 118
Decimal	6341395
CIELab	70.57, -55.12, 67.82
CIELCh	71, 87.399, 129.103
Yxy	41.5658, 0.3333, 0.5665
Android (android.graphics.Color)	4284531475 (0xFF60C313)
YUV	145.3350, -62.2832, -43.2668
Hunter-Lab	64.4702, -45.1095, 38.3699

Details

The HunterLab color $64.4702, -45.1095, 38.3699$ is a dark color, and the websafe version is hex $66CC00$. The color can be described as dark washed chartreuse. A complement of this color would be $28.7392, 58.7576, -87.7813$, and the grayscale version is $53.5909, -2.8595, 2.9117$.

A 20% lighter version of the original color is $87.8984, -52.2689, 47.3089$, and $43.5320, -36.1822, 26.1908$ is the 20% darker color. If you saturate the color by 10%, you get $64.0137, -47.0809, 38.6207$, and if you desaturate by 10%, it is $65.0378, -42.6389, 37.6179$.

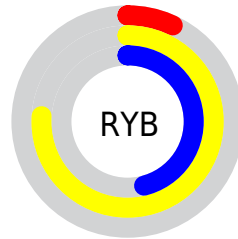
Distribution



Red (38%)

Green (76%)

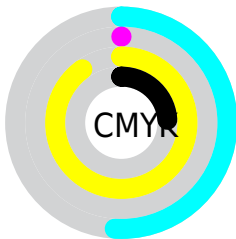
Blue (7%)



Red (7%)

Yellow (76%)

Blue (46%)

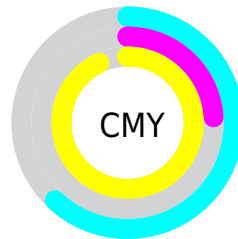


Cyan (51%)

Magenta (0%)

Yellow (90%)

Black (24%)



Cyan (62%)

Magenta (24%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4702, -45.1095, 38.3699 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 64.4702, -45.1095, 38.3699 by changing the saturation by 10% instead.

■ 64.4702, -45.1095,
38.3699

■ 64.4702, -45.1095,
38.3699

187.7978,
-74.3679, 74.5397

■ 53.6297, -41.2640,
33.5602

■ 88.0580, -52.2917,
47.3664

■ 43.4747, -37.1876,
28.5108

■ 100.7387,
-55.6864, 51.6031

■ 34.0564, -32.8141,
23.5807

■ 113.9756,
-58.9792, 55.6949

■ 25.4378, -28.0433,
17.8065

■ 127.7464,
-62.1856, 59.6604

■ 17.7015, -22.7207,
12.3911

■ 142.0310,
-65.3183, 63.5152

■ 10.9626, -19.1846,
7.6738

■ 156.8116,

■ 2.5132, -4.3982,

-68.3875, 67.2727

1.7593

172.0721,
-71.4017, 70.9443

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4702, -45.1095,
38.3699

■ 64.4702, -45.1095,
38.3699

■ 64.0137, -47.0809,
38.6207

■ 65.0378, -42.6389,
37.6179

■ 65.7153, -39.6440,
36.1860

■ 66.5096, -36.1093,
34.0062

■ 67.4243, -32.0326,
31.0374

■ 68.4617, -27.4229,

27.2594

■ 69.6223, -22.2983,
22.6694

■ 70.9058, -16.6838,
17.2787

■ 72.3109, -10.6095,
11.1101

■ 73.8354, -4.1089,
4.1953

Harmonies

Analogous

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



64.4716, -15.1581, 42.0062



64.4702, -45.1095, 38.3699



64.4716, -60.6808, 24.5205

Triad

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



64.4716, -45.1107, 38.3702



64.4716, -28.6316, -108.9726



64.4716, 91.3511, 14.0380

Complementary

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



64.4702, -45.1095, 38.3699



28.7392, 58.7576, -87.7813

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.



64.4716, 85.2167, -28.3955



64.4702, -45.1095, 38.3699



64.4716, 9.1723, -118.4673

Square

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



64.4716, -45.1107, 38.3702



64.4716, -52.9028, -61.7313



64.4716, 52.5460, -82.9135



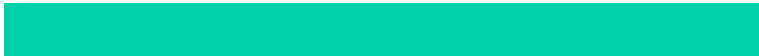
64.4716, 67.6971, 34.6890

Rectangle

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



64.4702, -45.1095, 38.3699



64.4716, -63.7000, 4.6436



64.4716, 52.5460, -82.9135



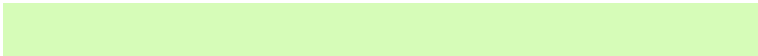
64.4716, 92.8077, 2.3541

Sweetspot

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



64.4716, -45.1107, 38.3702



93.6422, -27.7790, 28.4031



49.0881, 18.9954, 29.8355



43.5516, -14.1836, 14.4000

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4716, -45.1107, 38.3702



85.5842, -63.3503, 51.6275



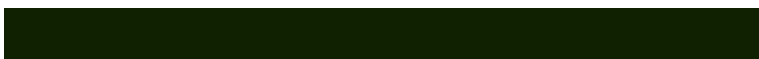
62.6527, -52.6835, 36.6553



33.8667, -4.6988, 4.9217



51.6526, -37.7624, 31.1670



10.9246, -7.0761, 6.6078

Inverse Universe

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



28.7392, 58.7576, -87.7813



35.7899, 81.0082, -129.7147



39.5256, 73.6483, -44.2097



31.6562, 1.3169, -1.6063



21.8023, 49.0826, -76.9615



4.9557, 10.7194, -14.1051

Previews

White Background



This preview shows how the HunterLab color 64.4702, -45.1095, 38.3699 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 64.4702, -45.1095, 38.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

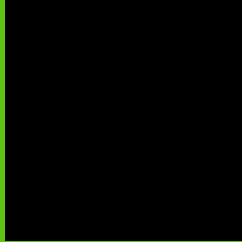
Any Text WCAG AA ✓ Pass

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 64.4702, -45.1095, 38.3699 Background



This preview shows how black text looks on a background with the HunterLab color 64.4702, -45.1095, 38.3699.



This preview shows how white text looks on a background with the HunterLab color 64.4702,

-45.1095, 38.3699.

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

64.4702, -45.1095, 38.3699

Protanopia

63.9184, -9.1510, 39.0662

Deuteranopia

64.0060, 4.7066, 37.4055



Tritanopia

64.1645, -16.2738, -9.0041

Trichromacy



Original Color

64.4702, -45.1095, 38.3699

Protanomaly

63.1948, -24.4907, 38.2145

Deuteranomaly

62.8857, -17.4246, 37.0180

Tritanomaly

63.4779, -30.8492, 18.1851

Monochromacy



Original Color

64.4702, -45.1095, 38.3699

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

56.2203, -21.8624, 21.8111

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4702, -45.1095, 38.3699 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(96, 195, 19)` looks like.

```
.text, #text, p{  
    color:rgb(96, 195, 19)  
}
```

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(96, 195, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 195, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4702, -45.1095, 38.3699 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(96, 195, 19) }
```


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

```
.border{ border-color:rgb(96, 195, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 195, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 195, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 195, 19);  
box-shadow:4px 4px 4px 4px rgb(96, 195,  
19) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4702, -45.1095, 38.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 195, 19) }
```

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

```
.background{ background-color: rgb(96, 195,  
19) }
```

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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