

Converting Colors

HunterLab(64.7611, -45.5499,
32.4160)

Have a look what the booklet for
HunterLab(64.7611, -45.5499,
32.4160) contains.

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Color

**HunterLab(64.6480,
-45.3640, 32.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	51C44F
RGB	81, 196, 79
RGB Percent	32%, 77%, 31%
CMY	0.6824, 0.2314, 0.6902
CMYK	0.59, 0.00, 0.60, 0.23
HSL	119°, 50%, 54%
HSV	119°, 60%, 77%
XYZ	24.5445, 41.7936, 14.1704
YIQ	148.2770, -30.9830, -60.7670

Conversions

Conversions Part 2

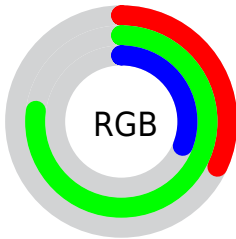
Format	Color
RYB	79, 196, 194
Decimal	5358671
CIELab	70.73, -55.43, 48.18
CIElCh	71, 73.440, 139.003
Yxy	41.7954, 0.3049, 0.5191
Android (android.graphics.Color)	4283548751 (0xFF51C44F)
YUV	148.2770, -34.1536, -59.0019
Hunter-Lab	64.6480, -45.3640, 32.2576

Details

The HunterLab color $64.6480, -45.3640, 32.2576$ is a dark color, and the websafe version is hex $66CC66$. The color can be described as dark muted green. A complement of this color would be $45.8784, 55.9276, -38.2449$, and the grayscale version is $54.6737, -2.9172, 2.9705$.

A 20% lighter version of the original color is $88.4377, -52.6543, 38.9381$, and $43.7264, -36.9223, 25.0505$ is the 20% darker color. If you saturate the color by 10%, you get $63.8882, -48.9108, 34.6204$, and if you desaturate by 10%, it is $65.6501, -40.7714, 29.1682$.

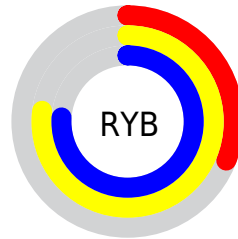
Distribution



Red (32%)

Green (77%)

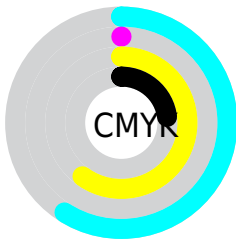
Blue (31%)



Red (31%)

Yellow (77%)

Blue (76%)

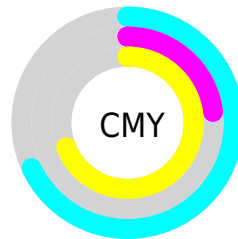


Cyan (59%)

Magenta (0%)

Yellow (60%)

Black (23%)



Cyan (68%)


Magenta (23%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.6480, -45.3640, 32.2576 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 64.6480, -45.3640, 32.2576 by changing the saturation by 10% instead.


 64.6480, -45.3640,
32.2576


 64.6480, -45.3640,
32.2576


188.0516,
-74.7439, 59.1961


 53.7969, -41.5017,
28.7310


 88.2552, -52.5769,
38.8606

 43.6306, -37.4080,
25.0104


 100.9450,
-55.9860, 41.9854


 34.2001, -33.0164,
21.0555


 114.1906,
-59.2926, 45.0173

 25.5683, -28.2266,
17.1190

 127.9696,
-62.5124, 47.9703

 17.8171, -22.8834,
12.4720

 142.2623,
-65.6580, 50.8559

 11.0612, -19.3571,
7.7428

157.0506,

 2.8421, -4.9736,

-68.7397, 53.6837

1.9894

172.3186,
-71.7660, 56.4616

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6480, -45.3640,
32.2576

■ 64.6480, -45.3640,
32.2576

■ 63.8882, -48.9108,
34.6204

■ 65.6501, -40.7714,
29.1682

■ 63.3526, -51.4319,
36.2749

■ 66.8984, -35.1475,
25.3606

■ 63.0216, -52.9982,
37.2743

■ 68.3976, -28.5436,
20.8679

■ 62.8556, -53.7873,
37.7734


■ 70.1464, -21.0347,
15.7408

■ 62.8515, -53.8068,


■ 72.1400, -12.7127,


37.7868

10.0418

 74.3709, -3.6774,
3.8396

 76.8295, 5.9698,
-2.7958

 79.5048, 16.1314,
-9.7967

 82.3689, 26.6365,
-16.8780

Harmonies

Analogous

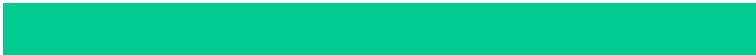
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.6494, -23.1839, 38.8407



64.6480, -45.3640, 32.2576



64.6494, -55.4579, 14.1846

Triad

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



64.6494, -45.3650, 32.2580



64.6494, -15.3277, -90.6227



64.6494, 69.7220, 20.5106

Complementary

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



64.6480, -45.3640, 32.2576



45.8784, 55.9276, -38.2449

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.



64.6494, 73.0259, -9.3445



64.6480, -45.3640, 32.2576



64.6494, 18.9708, -85.7999

Square

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



64.6494, -45.3650, 32.2580



64.6494, -40.6292, -62.2210



64.6494, 52.9267, -51.2144



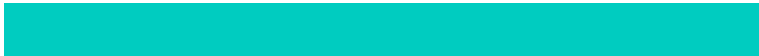
64.6494, 44.6537, 34.8522

Rectangle

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



64.6480, -45.3640, 32.2576



64.6494, -55.7121, -6.8621



64.6494, 52.9267, -51.2144



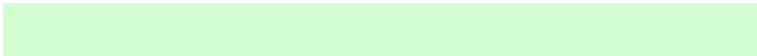
64.6494, 73.5823, 12.4211

Sweetspot

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



64.6494, -45.3650, 32.2580



94.7697, -26.7943, 20.1484



70.7429, -15.1762, 37.1257



43.5005, -13.8549, 10.3191

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6494, -45.3650, 32.2580



85.7072, -67.1481, 47.4663



65.4630, -40.2817, 19.3365



33.5661, -5.7748, 4.5756



50.3838, -43.1138, 30.2915



10.4867, -8.9029, 6.3060

Inverse Universe

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



45.8784, 55.9276, -38.2449



56.9631, 89.6631, -61.8024



43.8905, 46.8260, -6.3888



31.9976, 2.4659, -1.1503



31.3378, 61.8386, -43.0950



6.5357, 12.8856, -8.8999

Previews

White Background



This preview shows how the HunterLab color 64.6480, -45.3640, 32.2576 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 64.6480, -45.3640, 32.2576 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 64.6480, -45.3640, 32.2576 Background



This preview shows how black text looks on a background with the HunterLab color 64.6480, -45.3640, 32.2576.



This preview shows how white text looks on a background with the HunterLab color 64.6480,

-45.3640, 32.2576.

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

64.6480, -45.3640, 32.2576

Protanopia

64.0697, -7.9021, 33.6676

Deuteranopia

64.1127, 4.4615, 31.0460



Tritanopia

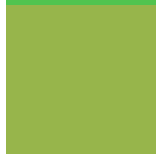
64.5412, -19.5892, -10.2095

Trichromacy



Original Color

64.6480, -45.3640, 32.2576



Protanomaly

63.3522, -24.7714, 32.3739



Deuteranomaly

62.9278, -18.0059, 30.3631



Tritanomaly

64.0200, -31.0515, 10.1860

Monochromacy



Original Color

64.6480, -45.3640, 32.2576



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

57.1187, -20.7606, 15.3816

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6480, -45.3640, 32.2576 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(81, 196, 79)` looks like.

```
.text, #text, p{  
    color:rgb(81, 196, 79)  
}
```

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(81, 196, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 196, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6480, -45.3640, 32.2576 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(81, 196, 79) }
```


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

```
.border{ border-color:rgb(81, 196, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 196, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 196, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 196, 79);  
box-shadow:4px 4px 4px 4px rgb(81, 196,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6480, -45.3640, 32.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 196, 79) }
```

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

```
.background{ background-color: rgb(81, 196,  
79) }
```

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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