

Converting Colors

HunterLab(64.6663, -45.2269,
26.9127)

Have a look what the booklet for
HunterLab(64.6663, -45.2269,
26.9127) contains.

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Color

**HunterLab(64.5430,
-45.0922, 26.7048)**

Conversions

Conversions Part 1

Format	Color
Hex	42C469
RGB	66, 196, 105
RGB Percent	26%, 77%, 41%
CMY	0.7412, 0.2314, 0.5882
CMYK	0.66, 0.00, 0.46, 0.23
HSL	138°, 52%, 51%
HSV	138°, 66%, 77%
XYZ	24.5365, 41.6580, 20.1122
YIQ	146.7560, -48.2690, -55.8610

Conversions

Conversions Part 2

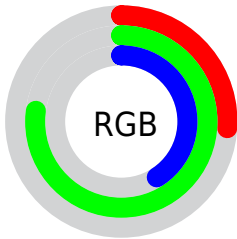
Format	Color
RYB	66, 166, 196
Decimal	4375657
CIELab	70.64, -55.06, 35.47
CIELCh	71, 65.494, 147.210
Yxy	41.6597, 0.2843, 0.4827
Android (android.graphics.Color)	4282565737 (0xFF42C469)
YUV	146.7560, -20.5857, -70.8230
Hunter-Lab	64.5430, -45.0922, 26.7048

Details

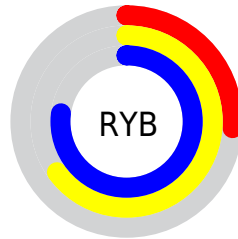
The HunterLab color **64.5430, -45.0922, 26.7048** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **42.5056, 54.9589, -17.3419**, and the grayscale version is **54.0129, -2.8820, 2.9346**.

A 20% lighter version of the original color is **88.2844, -52.3619, 31.7597**, and **43.9609, -35.4564, 21.5930** is the 20% darker color. If you saturate the color by 10%, you get **63.8998, -48.1731, 29.2885**, and if you desaturate by 10%, it is **65.3959, -41.1412, 23.8322**.

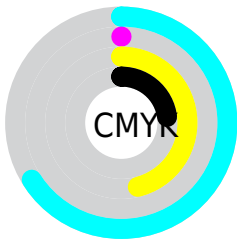
Distribution



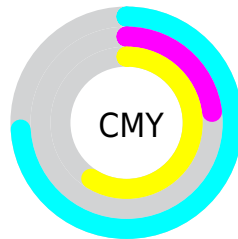
- Red (26%)
- Green (77%)
- Blue (41%)



- Red (26%)
- Yellow (65%)
- Blue (77%)



- Cyan (66%)
- Magenta (0%)
- Yellow (46%)
- Black (23%)



- Cyan (74%)
- Magenta (23%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.5430, -45.0922, 26.7048 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 64.5430, -45.0922, 26.7048 by changing the saturation by 10% instead.

■ 64.5430, -45.0922,
26.7048

■ 64.5430, -45.0922,
26.7048

187.9016,
-74.3159, 47.8660

■ 53.6982, -41.2519,
24.0162

■ 88.1387, -52.2644,
31.7838

■ 43.5385, -37.1818,
21.1920

■ 100.8231,
-55.6549, 34.2107

■ 34.1152, -32.8157,
18.1942

■ 114.0636,
-58.9437, 36.5808

■ 25.4912, -28.0535,
14.9711

■ 127.8377,
-62.1464, 38.9039

■ 17.7488, -22.7404,
12.3984

■ 142.1256,
-65.2757, 41.1880

■ 11.0029, -19.2551,
7.7020

156.9094,

■ 2.6528, -4.6423,

-68.3416, 43.4397

1.8569

172.1730,
-71.3527, 45.6642

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.5430, -45.0922,
26.7048

■ 64.5430, -45.0922,
26.7048

■ 63.8998, -48.1731,
29.2885

■ 65.3959, -41.1412,
23.8322

■ 63.4472, -50.4133,
31.5545

■ 66.4643, -36.3192,
20.7037

■ 63.1635, -51.8916,
33.4817


■ 67.7547, -30.6562,
17.3584


■ 63.0834, -52.3187,
34.0922


■ 69.2684, -24.2037,
13.8381


■ 71.0034, -17.0287,

10.1845

 72.9552, -9.2083,
6.4380

 75.1171, -0.8236,
2.6355

 77.4807, 8.0448,
-1.1907

 80.0367, 17.3200,
-5.0128

Harmonies

Analogous

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



64.5443, -27.7366, 35.7203



64.5430, -45.0922, 26.7048



64.5443, -51.5031, 6.1243

Triad

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



64.5443, -45.0930, 26.7052



64.5443, -6.2277, -78.7050



64.5443, 56.2005, 23.8863

Complementary

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



64.5430, -45.0922, 26.7048



42.5056, 54.9589, -17.3419

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.



64.5443, 64.7704, 0.7885



64.5430, -45.0922, 26.7048



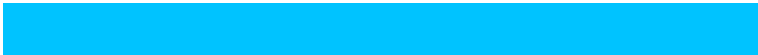
64.5443, 25.0675, -66.7074

Square

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



64.5443, -45.0930, 26.7052



64.5443, -31.7801, -61.6327



64.5443, 52.4810, -33.7747



64.5443, 30.8126, 34.6924

Rectangle

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



64.5430, -45.0922, 26.7048



64.5443, -49.7785, -14.8984



64.5443, 52.4810, -33.7747



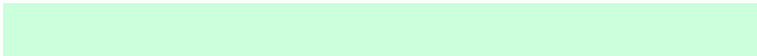
64.5443, 61.3245, 17.7173

Sweetspot

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



64.5443, -45.0930, 26.7052



94.5979, -26.8802, 15.6863



68.5880, -29.9064, 37.2843



43.4585, -13.7070, 7.9061

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.5443, -45.0930, 26.7052



85.6727, -66.4596, 40.9785



65.9865, -36.3694, 5.8516



33.6266, -5.4130, 3.5246



50.5792, -41.8541, 27.1313



10.5729, -8.3303, 4.7676

Inverse Universe

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



42.5056, 54.9589, -17.3419



52.4535, 85.6359, -23.7371



40.5038, 46.5470, 10.9510



31.9286, 2.0681, 0.0490



29.5309, 54.5684, -11.8920



6.2330, 11.6799, -3.7684

Previews

White Background



This preview shows how the HunterLab color 64.5430, -45.0922, 26.7048 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 64.5430, -45.0922, 26.7048 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 64.5430, -45.0922, 26.7048 Background



This preview shows how black text looks on a background with the HunterLab color 64.5430, -45.0922, 26.7048.



This preview shows how white text looks on a background with the HunterLab color 64.5430,

-45.0922, 26.7048.

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

64.5430, -45.0922, 26.7048

Protanopia

64.0632, -7.3373, 29.1052

Deuteranopia

63.9257, 4.5961, 24.9813



Tritanopia

64.3077, -22.0553, -11.1399

Trichromacy



Original Color

64.5430, -45.0922, 26.7048



Protanomaly

63.1489, -24.9264, 27.3927



Deuteranomaly

62.5660, -18.6018, 24.2478



Tritanomaly

64.0649, -32.0498, 5.9712

Monochromacy



Original Color

64.5430, -45.0922, 26.7048



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

56.9454, -21.0040, 11.9932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5430, -45.0922, 26.7048 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(66, 196, 105)` looks like.

```
.text, #text, p{  
    color:rgb(66, 196, 105)  
}
```

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(66, 196, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 196, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5430, -45.0922, 26.7048 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(66, 196, 105) }
```


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

```
.border{ border-color:rgb(66, 196, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 196, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 196, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 196, 105);  
box-shadow:4px 4px 4px 4px rgb(66, 196,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5430, -45.0922, 26.7048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 196, 105) }
```

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

```
.background{ background-color: rgb(66, 196,  
105) }
```

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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