

# Converting Colors

HunterLab(45.2888, -4.8320,  
8.0656)

Have a look what the booklet for  
HunterLab(45.2888, -4.8320, 8.0656)  
contains.

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# Color

**HunterLab(45.1989, -4.9020,  
8.0381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D7E6F
RGB	125, 126, 111
RGB Percent	49%, 49%, 44%
CMY	0.5098, 0.5059, 0.5647
CMYK	0.01, 0.00, 0.12, 0.51
HSL	64°, 6%, 46%
HSV	64°, 12%, 49%
XYZ	18.7876, 20.4294, 17.9920
YIQ	123.9910, 4.2190, -4.8770

# Conversions

## Conversions Part 2

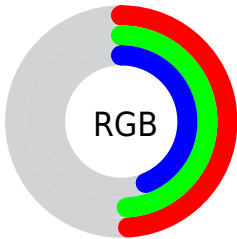
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 126, 112
Decimal	8224367
CIE <sub>Lab</sub>	52.32, -3.22, 8.04
CIE <sub>LCh</sub>	52, 8.664, 111.825
Yxy	20.4303, 0.3284, 0.3571
Android (android.graphics.Color)	4286414447 (0xFF7D7E6F)
YUV	123.9910, -6.4046, 0.8849
Hunter-Lab	45.1989, -4.9020, 8.0381

# Details

The HunterLab color  $45.1989, -4.9020, 8.0381$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $40.3987, 0.5863, -4.0668$ , and the grayscale version is  $44.9154, -2.3966, 2.4403$ .

A 20% lighter version of the original color is  $66.5954, -6.4030, 10.0745$ , and  $26.8387, -3.5271, 6.0874$  is the 20% darker color. If you saturate the color by 10%, you get  $44.8429, -6.7456, 12.1044$ , and if you desaturate by 10%, it is  $45.5976, -2.8519, 3.4237$ .

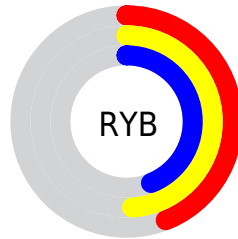
# Distribution



Red (49%)

Green (49%)

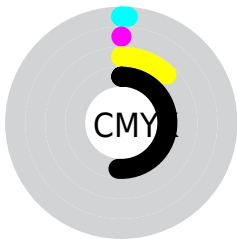
Blue (44%)



Red (44%)

Yellow (49%)

Blue (44%)

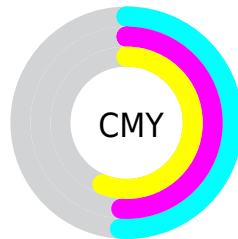


Cyan (1%)

Magenta (0%)

Yellow (12%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.1989, -4.9020, 8.0381 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 45.1989, -4.9020, 8.0381 by changing the saturation by 10% instead.



■ 45.1989, -4.9020,  
8.0381

■ 45.1989, -4.9020,  
8.0381

159.4475,  
-12.3289, 17.5127

■ 35.6486, -4.1993,  
7.0330

■ 66.4360, -6.3854,  
10.0597

■ 26.8848, -3.5197,  
6.0205

■ 78.0329, -7.1637,  
11.0832

■ 18.9870, -2.8622,  
4.9872

■ 90.2355, -7.9663,  
12.1186

■ 12.0631, -2.2221,  
3.9088

■ 103.0153, -8.7929,  
13.1673

■ 5.0682, -3.0401,  
3.5478

116.3472, -9.6429,  
14.2306

0.0000, NaN, NaN

130.2092,

0.0000, NaN, NaN

-10.5159, 15.3089

0.0000, NaN, NaN

144.5818,  
-11.4114, 16.4028

0.0000, NaN, NaN

■ 45.1989, -4.9020,  
8.0381

■ 45.1989, -4.9020,  
8.0381

■ 44.8429, -6.7456,  
12.1044

■ 45.5976, -2.8519,  
3.4237

■ 44.5259, -8.3792,  
15.6226

■ 46.0367, -0.5935,  
-1.7379

■ 44.2476, -9.8059,  
18.6006

■ 46.5175, 1.8685,  
-7.4389

■ 44.0068, -11.0302,  
21.0514

■ 47.0403, 4.5292,  
-13.6683

■ 43.8015, -12.0586,  
22.9942

■ 47.6050, 7.3827,  
-20.4121

■ 43.6298, -12.9008,  
24.4554

■ 48.2115, 10.4218,  
-27.6532

■ 43.4891, -13.5694,  
25.4695

■ 48.8595, 13.6387,  
-35.3723

■ 43.3762, -14.0813,  
26.0814

■ 49.5485, 17.0248,  
-43.5485

■ 43.2954, -14.4362,  
26.4257

■ 50.2780, 20.5712,  
-52.1595

# Harmonies

## Analogous

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



45.1999, -1.4477, 8.3809



45.1989, -4.9020, 8.0381



45.1999, -7.6130, 6.2617

# Triad

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



45.1999, -4.9032, 8.0387



45.1999, -6.5219, -2.8997



45.1999, 4.4826, 1.5352

# Complementary

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



45.1989, -4.9020, 8.0381



40.3987, 0.5863, -4.0668

# 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.



45.1999, 3.0308, -1.7028



45.1989, -4.9020, 8.0381



45.1999, -3.3726, -4.3883

# Square

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



45.1999, -4.9032, 8.0387



45.1999, -8.5275, 0.0005



45.1999, 0.1299, -3.9343



45.1999, 4.0424, 4.7893



# Rectangle

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



45.1989, -4.9020, 8.0381



45.1999, -8.6670, 4.4230



45.1999, 0.1299, -3.9343



45.1999, 4.1982, 0.4056

# Sweetspot

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



45.1999, -4.9032, 8.0387



60.3740, -4.4024, 5.9435



41.4393, 1.8642, 4.0498



28.7775, -2.1859, 3.0295



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



45.1999, -4.9032, 8.0387



59.8469, -7.1222, 12.0376



44.5949, -7.0559, 7.3606



22.3725, -2.1482, 3.3594



43.8505, -14.6246, 26.7644

0.0000, NaN, NaN



# Inverse Universe

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



40.3987, 0.5863, -4.0668



52.2023, 1.6293, -7.2664



41.0282, 2.7169, -3.1971



20.5533, -0.0706, -1.2212



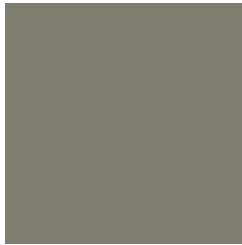
12.6506, 33.8800, -86.5181

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 45.1989, -4.9020, 8.0381 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 45.1989, -4.9020, 8.0381 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

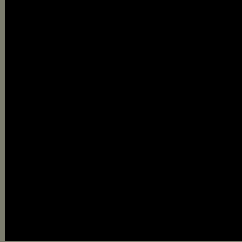
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# HunterLab 45.1989, -4.9020, 8.0381 Background



This preview shows how black text looks on a background with the HunterLab color 45.1989, -4.9020, 8.0381.



This preview shows how white text looks on a background with the HunterLab color 45.1989, -4.9020, 8.0381.



# 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

45.1989, -4.9020, 8.0381

### Protanopia

45.0410, -2.6199, 8.2895

### Deuteranopia

45.0172, 3.0034, 7.6026



## Tritanopia

45.2201, 0.6753, -1.2184

# Trichromacy



## Original Color

45.1989, -4.9020, 8.0381

## Protanomaly

45.1467, -3.6865, 8.3814

## Deuteranomaly

44.9887, 0.1305, 7.5219

## Tritanomaly

45.1752, -1.3676, 2.3487

# Monochromacy



## Original Color

45.1989, -4.9020, 8.0381

## Achromatopsia

44.8950, -2.3955, 2.4392

## Achromatomaly

45.0380, -3.6103, 4.7134

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 45.1989, -4.9020, 8.0381 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(125, 126, 111)` looks like.

```
.text, #text, p{  
    color:rgb(125, 126, 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(125, 126, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 126, 111) }
```

## Border

The CSS property to change the border of an element to HunterLab 45.1989, -4.9020, 8.0381 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(125, 126, 111) }
```



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

```
.border{ border-color:rgb(125, 126, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 126, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 126, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 126, 111);  
box-shadow:4px 4px 4px 4px rgb(125, 126,  
111) }
```

# Background

The CSS property to change the background color of an element to HunterLab 45.1989, -4.9020, 8.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 126, 111) }
```

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

```
.background{ background-color: rgb(125,  
126, 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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