

# Converting Colors

HunterLab(42.5425, -3.1254,  
-2.0619)

Have a look what the booklet for  
HunterLab(42.5425, -3.1254,  
-2.0619) contains.

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# Color

**HunterLab(42.5813, -3.0496,  
-2.2506)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F7780
RGB	111, 119, 128
RGB Percent	44%, 47%, 50%
CMY	0.5647, 0.5333, 0.4980
CMYK	0.13, 0.07, 0.00, 0.50
HSL	212°, 7%, 47%
HSV	212°, 13%, 50%
XYZ	17.0487, 18.1317, 23.0233
YIQ	117.6340, -7.6570, 1.1030

# Conversions

## Conversions Part 2

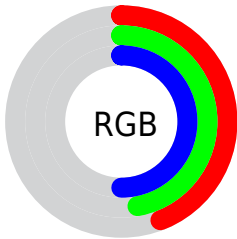
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 116, 128
Decimal	7305088
CIE Lab	49.66, -1.02, -5.95
CIE LCh	50, 6.038, 260.303
Yxy	18.1324, 0.2929, 0.3115
Android (android.graphics.Color)	4285495168 (0xFF6F7780)
YUV	117.6340, 5.1104, -5.8180
Hunter-Lab	42.5813, -3.0496, -2.2506

# Details

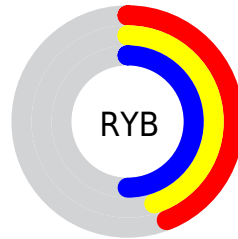
The HunterLab color  $42.5813, -3.0496, -2.2506$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $43.7833, -1.2475, 6.5915$ , and the grayscale version is  $42.4056, -2.2627, 2.3040$ .

A 20% lighter version of the original color is  $63.4417, -4.0845, -1.8342$ , and  $24.7543, -2.1141, -2.5007$  is the 20% darker color. If you saturate the color by 10%, you get  $39.7555, -3.2360, -6.0167$ , and if you desaturate by 10%, it is  $45.4905, -2.6515, 1.3671$ .

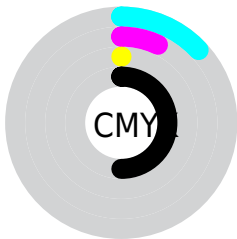
# Distribution



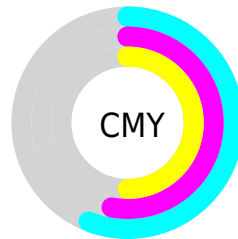
- Red (44%)
- Green (47%)
- Blue (50%)



- Red (44%)
- Yellow (45%)
- Blue (50%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (53%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5813, -3.0496, -2.2506 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 42.5813, -3.0496, -2.2506 by changing the saturation by 10% instead.



■ 42.5813, -3.0496,  
-2.2506

■ 42.5813, -3.0496,  
-2.2506

■ 155.4402, -9.4996,  
1.6359

■ 33.2342, -2.4891,  
-2.4356

■ 63.4530, -4.2762,  
-1.7007

■ 24.6925, -1.9650,  
-2.5518

■ 74.8831, -4.9373,  
-1.3485

■ 17.0419, -1.4804,  
-2.5869

■ 86.9273, -5.6287,  
-0.9502

■ 10.4017, -1.0380,  
-2.5252

■ 99.5559, -6.3490,  
-0.5090

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 112.7430, -7.0972,  
-0.0276

0.0000, NaN, NaN

■ 126.4658, -7.8722,

0.0000, NaN, NaN

0.4916

0.0000, NaN, NaN

140.7042, -8.6733,  
1.0467

■ 42.5813, -3.0496,  
-2.2506

■ 42.5813, -3.0496,  
-2.2506

■ 39.7555, -3.2360,  
-6.0167

■ 45.4905, -2.6515,  
1.3671

■ 37.0191, -3.1753,  
-9.9531

■ 48.4730, -2.0674,  
4.8529

■ 34.3832, -2.8298,  
-14.0789

■ 51.5233, -1.3218,  
8.2244

■ 31.8595, -2.1559,  
-18.4118

■ 54.6360, -0.4346,  
11.4968

■ 29.4615, -1.1056,  
-22.9645

■ 57.8063, 0.5773,  
14.6835

■ 27.2045, 0.3697,  
-27.7392

■ 61.0301, 1.6998,  
17.7961

■ 25.1046, 2.3132,  
-32.7220

■ 64.3039, 2.9208,  
20.8449

■ 23.1770, 4.7475,  
-37.8785

■ 67.6245, 4.2301,  
23.8386

■ 21.9460, 6.5342,  
-41.5362

■ 70.9891, 5.6189,  
26.7848

# Harmonies

## Analogous

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



42.5822, -5.1877, -1.2074



42.5813, -3.0496, -2.2506



42.5822, -0.6580, -2.0173

# Triad

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



42.5822, -3.0504, -2.2499



42.5822, 2.1497, 3.8161



42.5822, -5.7741, 5.0328

# Complementary

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



42.5813, -3.0496, -2.2506



43.7833, -1.2475, 6.5915

# 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.



42.5822, -3.8670, 6.2403



42.5813, -3.0496, -2.2506



42.5822, 0.7195, 5.5653

# Square

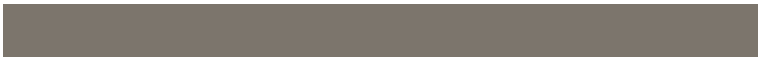
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.5822, -3.0504, -2.2499



42.5822, 2.3800, 1.5703



42.5822, -1.4927, 6.4297



42.5822, -6.7371, 3.0521



# Rectangle

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



42.5813, -3.0496, -2.2506



42.5822, 0.7580, -1.1750



42.5822, -1.4927, 6.4297



42.5822, -5.2242, 5.5378

# Sweetspot

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



42.5822, -3.0504, -2.2499



60.0439, -3.5708, 1.4315



44.9099, -8.4319, 4.1571



28.9282, -1.7480, 0.5409



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207



# Same Dimension

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



42.5822, -3.0504, -2.2499



55.3318, -4.1557, -4.5060



40.4051, 0.7367, -5.0573



21.2590, -1.4116, -0.3489



21.8595, 6.4940, -41.3410

0.0000, NaN, NaN



# Inverse Universe

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



41.5817, 4.1441, 0.8085



53.7303, 7.5746, 0.5975



45.9931, -5.0088, 8.8657



20.9173, 0.9891, 0.6410



22.0837, 39.2968, 2.8139

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 42.5813, -3.0496, -2.2506 looks on a white 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



# Black Background



This preview shows how the HunterLab color 42.5813, -3.0496, -2.2506 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

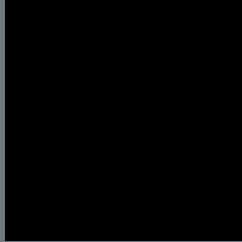
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

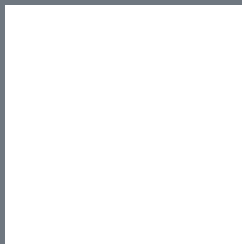
Any Text WCAG AAA × Fail

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

# HunterLab 42.5813, -3.0496, -2.2506 Background



This preview shows how black text looks on a background with the HunterLab color 42.5813, -3.0496, -2.2506.



This preview shows how white text looks on a background with the HunterLab color 42.5813, -3.0496, -2.2506.

-2.2506.

# 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

42.5813, -3.0496, -2.2506

### Protanopia

42.4697, -0.6513, -1.8726

### Deuteranopia

42.5811, 2.6382, -2.6341



## Tritanopia

42.5813, -3.0496, -2.2506

# Trichromacy



## Original Color

42.5813, -3.0496, -2.2506

## Protanomaly

42.5840, -1.6725, -1.7448

## Deuteranomaly

42.4237, 0.7186, -2.8721

## Tritanomaly

42.5813, -3.0496, -2.2506

# Monochromacy



## Original Color

42.5813, -3.0496, -2.2506

## Achromatopsia

42.5634, -2.2711, 2.3126

## Achromatomaly

42.4345, -2.4913, 0.3783

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.5813, -3.0496, -2.2506 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(111, 119, 128)` looks like.

```
.text, #text, p{  
    color:rgb(111, 119, 128)  
}
```

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(111, 119, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 119, 128) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.5813, -3.0496, -2.2506 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(111, 119, 128) }
```



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

```
.border{ border-color:rgb(111, 119, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 119, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(111, 119,  
128) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.5813, -3.0496, -2.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 119, 128) }
```

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

```
.background{ background-color: rgb(111,  
119, 128) }
```

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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