

Converting Colors

HunterLab(42.0218, -20.0358,
12.8807)

Have a look what the booklet for
HunterLab(42.0218, -20.0358,
12.8807) contains.

HunterLab(42.1767, -20.2130, 12.9598)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.1767,
-20.2130, 12.9598)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8057
RGB	79, 128, 87
RGB Percent	31%, 50%, 34%
CMY	0.6902, 0.4980, 0.6588
CMYK	0.38, 0.00, 0.32, 0.50
HSL	130°, 24%, 41%
HSV	130°, 38%, 50%
XYZ	12.6639, 17.7887, 11.7829
YIQ	108.6750, -16.0430, -23.1390

Conversions

Conversions Part 2

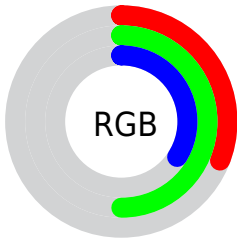
Format	Color
RYB	79, 121, 128
Decimal	5210199
CIELab	49.24, -25.83, 17.17
CIELCh	49, 31.015, 146.378
Yxy	17.7895, 0.2998, 0.4212
Android (android.graphics.Color)	4283400279 (0xFF4F8057)
YUV	108.6750, -10.6858, -26.0250
Hunter-Lab	42.1767, -20.2130, 12.9598

Details

The HunterLab color $42.1767, -20.2130, 12.9598$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $33.9671, 19.8509, -9.7400$, and the grayscale version is $39.0264, -2.0824, 2.1204$.

A 20% lighter version of the original color is $62.9283, -24.3323, 16.0516$, and $24.2588, -15.5217, 9.5492$ is the 20% darker color. If you saturate the color by 10%, you get $41.3886, -23.7193, 15.2172$, and if you desaturate by 10%, it is $43.1051, -16.1992, 10.4816$.

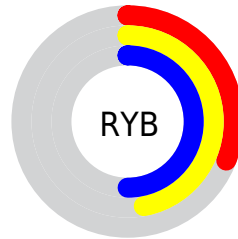
Distribution



Red (31%)

Green (50%)

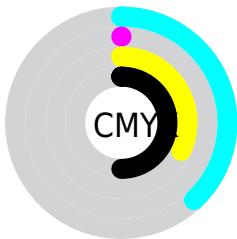
Blue (34%)



Red (31%)

Yellow (47%)

Blue (50%)

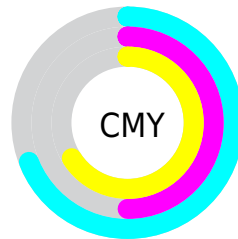


Cyan (38%)

Magenta (0%)

Yellow (32%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.1767, -20.2130, 12.9598 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 42.1767, -20.2130, 12.9598 by changing the saturation by 10% instead.

■ 42.1767, -20.2130,
12.9598

■ 42.1767, -20.2130,
12.9598

154.8166,
-37.5240, 26.4574

■ 32.8618, -18.0009,
11.3198

■ 62.9907, -24.3541,
16.0835

■ 24.3553, -15.6407,
9.5924

■ 74.3945, -26.3282,
17.5971

■ 16.7441, -13.0607,
7.7308

■ 86.4138, -28.2582,
19.0918

■ 10.1494, -11.7509,
7.1046

■ 99.0186, -30.1540,
20.5740

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.1828,
-32.0232, 22.0483

0.0000, NaN, NaN

125.8837,

0.0000, NaN, NaN

-33.8716, 23.5185

0.0000, NaN, NaN

140.1010,
-35.7040, 24.9875

■ 42.1767, -20.2130,
12.9598

■ 42.1767, -20.2130,
12.9598

■ 41.3886, -23.7193,
15.2172

■ 43.1051, -16.1992,
10.4816

■ 40.7373, -26.6845,
17.2273

■ 44.1701, -11.7178,
7.8099

■ 40.2205, -29.0918,
18.9703

■ 45.3695, -6.8177,
4.9749

■ 39.8323, -30.9409,
20.4325

■ 46.6994, -1.5502,
2.0060

■ 39.5638, -32.2526,
21.6084

■ 48.1546, 4.0334,
-1.0690

■ 39.3879, -33.1313,
22.4910

■ 49.7295, 9.8841,
-4.2248

■ 39.3609, -33.2643,
22.6104

■ 51.4178, 15.9566,
-7.4391

■ 53.2133, 22.2105,
-10.6931

■ 55.1096, 28.6105,
-13.9711

Harmonies

Analogous

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



42.1776, -12.2653, 17.9002



42.1767, -20.2130, 12.9598



42.1776, -23.3772, 3.6941

Triad

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



42.1776, -20.2137, 12.9602



42.1776, -3.7382, -26.9360



42.1776, 21.1244, 11.1270

Complementary

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



42.1767, -20.2130, 12.9598



33.9671, 19.8509, -9.7400

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.



42.1776, 24.0738, 0.8480



42.1767, -20.2130, 12.9598



42.1776, 8.7908, -23.2778

Square

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



42.1776, -20.2137, 12.9602



42.1776, -14.5788, -21.0958



42.1776, 19.3298, -12.1768



42.1776, 11.6747, 17.0746

Rectangle

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



42.1767, -20.2130, 12.9598



42.1776, -22.6503, -4.5618



42.1776, 19.3298, -12.1768



42.1776, 22.9525, 8.1659

Sweetspot

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



42.1776, -20.2137, 12.9602



59.7081, -11.0320, 7.7390



44.7699, -10.6976, 17.6033



28.8038, -5.6917, 3.9484



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.



42.1776, -20.2137, 12.9602



55.0354, -30.9411, 19.8418



42.7151, -17.0618, 5.2068



21.9757, -3.5102, 2.5296



39.1940, -33.1219, 22.5115

0.0000, NaN, NaN

Inverse Universe

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



33.9671, 19.8509, -9.7400



41.9750, 33.1242, -16.3088



33.2097, 16.1478, 0.9240



20.9779, 1.3147, -0.2214

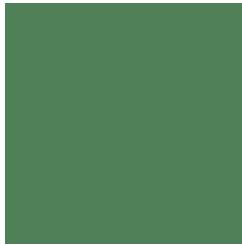


23.6757, 45.0008, -19.2389

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.1767, -20.2130, 12.9598 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 42.1767, -20.2130, 12.9598 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 42.1767, -20.2130, 12.9598 Background



This preview shows how black text looks on a background with the HunterLab color 42.1767, -20.2130, 12.9598.



This preview shows how white text looks on a background with the HunterLab color 42.1767,

-20.2130, 12.9598.

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

42.1767, -20.2130, 12.9598

Protanopia

41.8755, -3.4919, 14.4400

Deuteranopia

41.9260, 2.5655, 11.8829



Tritanopia

42.0235, -9.1942, -5.0655

Trichromacy



Original Color

42.1767, -20.2130, 12.9598

Protanomaly

41.6224, -10.1260, 13.5225

Deuteranomaly

41.6412, -6.8833, 11.7661

Tritanomaly

41.9614, -13.4252, 2.2749

Monochromacy



Original Color

42.1767, -20.2130, 12.9598

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

40.0338, -9.2805, 6.2722

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.1767, -20.2130, 12.9598 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(79, 128, 87)` looks like.

```
.text, #text, p{  
    color:rgb(79, 128, 87)  
}
```

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(79, 128, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 128, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 42.1767, -20.2130, 12.9598 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(79, 128, 87) }
```


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

```
.border{ border-color:rgb(79, 128, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 128, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 128, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 128, 87);  
box-shadow:4px 4px 4px 4px rgb(79, 128,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.1767, -20.2130, 12.9598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 128, 87) }
```

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

```
.background{ background-color: rgb(79, 128,  
87) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor