

# Converting Colors

HunterLab(41.5508, -22.7061,  
25.0417)

Have a look what the booklet for  
HunterLab(41.5508, -22.7061,  
25.0417) contains.

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# Color

**HunterLab(41.5478,  
-22.7184, 25.0399)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	587F04
RGB	88, 127, 4
RGB Percent	35%, 50%, 2%
CMY	0.6549, 0.5019, 0.9843
CMYK	0.31, 0.00, 0.97, 0.50
HSL	79°, 94%, 26%
HSV	79°, 97%, 50%
XYZ	11.6358, 17.2622, 2.8335
YIQ	101.3170, 16.2390, -46.5210

# Conversions

## Conversions Part 2

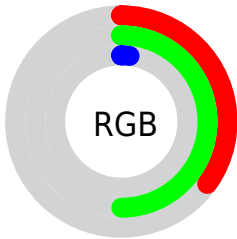
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 127, 43
Decimal	5799684
CIE <sub>Lab</sub>	48.59, -30.13, 52.09
CIE <sub>LCh</sub>	49, 60.178, 120.047
Yxy	17.2630, 0.3667, 0.5440
Android (android.graphics.Color)	4283989764 (0xFF587F04)
<b>YUV</b>	101.3170, -47.9773, -11.6790
Hunter-Lab	41.5478, -22.7184, 25.0399

# Details

The HunterLab color  $41.5478, -22.7184, 25.0399$  is a dark color, and the websafe version is hex  $669933$ . A complement of this color would be  $14.6057, 33.9727, -71.9161$ , and the grayscale version is  $36.3654, -1.9404, 1.9758$ .

A 20% lighter version of the original color is  $62.2789, -27.4180, 32.9891$ , and  $23.8387, -16.3981, 14.4022$  is the 20% darker color. If you saturate the color by 10%, you get  $41.4640, -23.0773, 25.1459$ , and if you desaturate by 10%, it is  $41.8279, -21.5410, 24.6622$ .

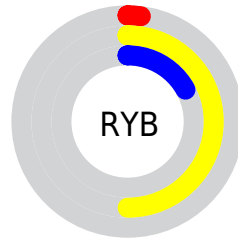
# Distribution



Red (35%)

Green (50%)

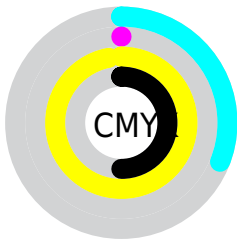
Blue (2%)



Red (2%)

Yellow (50%)

Blue (17%)

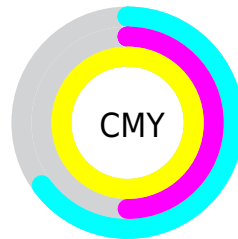


Cyan (31%)

Magenta (0%)

Yellow (97%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.5478, -22.7184, 25.0399 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 41.5478, -22.7184, 25.0399 by changing the saturation by 10% instead.



41.5478, -22.7184,  
25.0399

41.5478, -22.7184,  
25.0399

153.8451,  
-42.0493, 55.9663

32.2834, -20.1866,  
20.7426

62.2715, -27.4141,  
32.9112

23.8322, -17.4644,  
16.6826

73.6340, -29.6344,  
36.5580

16.2829, -14.4621,  
11.3981

85.6143, -31.7949,  
40.0537

9.7598, -14.0025,  
6.8319

98.1819, -33.9080,  
43.4222

0.0000, NaN, NaN

0.0000, NaN, NaN

111.3105,  
-35.9834, 46.6832

0.0000, NaN, NaN

124.9772,

0.0000, NaN, NaN

-38.0283, 49.8526

0.0000, NaN, NaN

139.1614,  
-40.0487, 52.9433

41.5478, -22.7184,  
25.0399

41.5478, -22.7184,  
25.0399

41.4640, -23.0773,  
25.1459

41.8279, -21.5410,  
24.6622

42.1426, -20.1850,  
23.9417

42.4988, -18.6194,  
22.7912

42.8989, -16.8346,  
21.1768

43.3447, -14.8253,  
19.0753

■ 43.8376, -12.5901,  
16.4722

■ 44.3784, -10.1306,  
13.3603

■ 44.9675, -7.4510,  
9.7390

■ 45.6053, -4.5575,  
5.6130

# Harmonies

## Analogous

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



41.5487, -2.2569, 26.4799



41.5478, -22.7184, 25.0399



41.5487, -34.8703, 18.6414

# Triad

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



41.5487, -22.7194, 25.0401



41.5487, -22.6674, -55.8074



41.5487, 54.0842, 2.2975

# Complementary

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



41.5478, -22.7184, 25.0399



14.6057, 33.9727, -71.9161

# 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.



41.5487, 45.2670, -25.8335



41.5478, -22.7184, 25.0399



41.5487, -2.1814, -68.9523

# Square

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



41.5487, -22.7194, 25.0401



41.5487, -34.8454, -25.9338



41.5487, 23.2355, -55.7300



41.5487, 45.2138, 18.6745



# Rectangle

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



41.5478, -22.7184, 25.0399



41.5487, -38.3369, 9.0970



41.5487, 23.2355, -55.7300



41.5487, 53.0695, -5.9776

# Sweetspot

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



41.5487, -22.7194, 25.0401



59.1729, -14.5237, 19.1333



24.9913, 25.0980, 15.5658



28.5046, -7.6063, 9.9920



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.



41.5487, -22.7194, 25.0401



55.4119, -31.1750, 33.5988



39.2623, -32.1015, 23.4574



22.2558, -2.5603, 3.2258



41.6386, -23.1786, 25.2517

0.0000, NaN, NaN



# Inverse Universe

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



14.6057, 33.9727, -71.9161



18.6791, 46.6783, -101.8031



21.4236, 42.7971, -41.6203



20.6707, 0.3307, -1.0630



14.1605, 35.1633, -75.4451

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 41.5478, -22.7184, 25.0399 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 41.5478, -22.7184, 25.0399 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

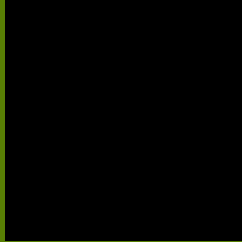
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## HunterLab 41.5478, -22.7184, 25.0399 Background



This preview shows how black text looks on a background with the HunterLab color 41.5478, -22.7184, 25.0399.



This preview shows how white text looks on a background with the HunterLab color 41.5478,

-22.7184, 25.0399.

# 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

41.5478, -22.7184, 25.0399

### Protanopia

41.2399, -5.7877, 25.3105

### Deuteranopia

41.2589, 2.6883, 24.2288



## Tritanopia

41.4711, -5.5806, -3.2493

# Trichromacy



## Original Color

41.5478, -22.7184, 25.0399

## Protanomaly

41.0374, -12.3441, 25.0295

## Deuteranomaly

41.0077, -7.9564, 24.3627

## Tritanomaly

40.9521, -14.1994, 13.4287

# Monochromacy



## Original Color

41.5478, -22.7184, 25.0399

## Achromatopsia

36.0744, -1.9248, 1.9600

## Achromatomaly

37.4593, -11.3111, 14.7262

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.5478, -22.7184, 25.0399 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(88, 127, 4)` looks like.

```
.text, #text, p{  
  color:rgb(88, 127, 4)  
}
```

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(88, 127, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 127, 4) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.5478, -22.7184, 25.0399 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(88, 127, 4) }
```



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

```
.border{ border-color:rgb(88, 127, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 127, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 127, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 127, 4);  
box-shadow:4px 4px 4px 4px rgb(88, 127, 4)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 41.5478, -22.7184, 25.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 127, 4) }
```

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

```
.background{ background-color: rgb(88, 127,  
4) }
```

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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