

# Converting Colors

HunterLab(41.1312, -11.9463,  
23.3863)

Have a look what the booklet for  
HunterLab(41.1312, -11.9463,  
23.3863) contains.

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# Color

**HunterLab(41.0668,  
-12.0118, 23.3215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72771E
RGB	114, 119, 30
RGB Percent	45%, 47%, 12%
CMY	0.5529, 0.5333, 0.8823
CMYK	0.04, 0.00, 0.75, 0.53
HSL	63°, 60%, 29%
HSV	63°, 75%, 47%
XYZ	13.7706, 16.8648, 3.7578
YIQ	107.3590, 25.5890, -28.7390

# Conversions

## Conversions Part 2

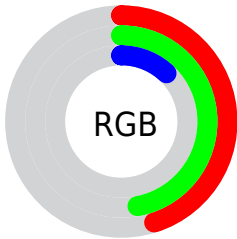
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 119, 35
Decimal	7501598
CIELab	48.09, -13.64, 45.38
CIElCh	48, 47.388, 106.729
Yxy	16.8656, 0.4004, 0.4904
Android (android.graphics.Color)	4285691678 (0xFF72771E)
YUV	107.3590, -38.1380, 5.8242
Hunter-Lab	41.0668, -12.0118, 23.3215

# Details

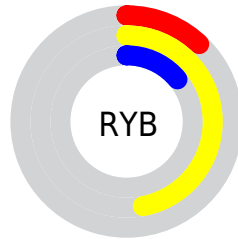
The HunterLab color  $[41.0668, -12.0118, 23.3215]$  is a dark color, and the websafe version is hex  $666600$ . A complement of this color would be  $[16.1808, 21.1905, -53.6133]$ , and the grayscale version is  $[38.6151, -2.0604, 2.0980]$ .

A 20% lighter version of the original color is  $[61.6804, -14.7655, 30.2658]$ , and  $[23.5865, -8.7108, 14.3814]$  is the 20% darker color. If you saturate the color by 10%, you get  $[40.9526, -12.5634, 24.1799]$ , and if you desaturate by 10%, it is  $[41.2109, -11.3056, 22.0575]$ .

# Distribution



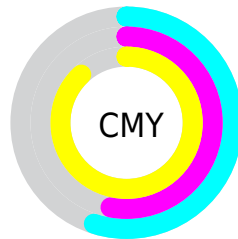
- Red (45%)
- Green (47%)
- Blue (12%)



- Red (12%)
- Yellow (47%)
- Blue (14%)



- Cyan (4%)
- Magenta (0%)
- Yellow (75%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0668, -12.0118, 23.3215 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 41.0668, -12.0118, 23.3215 by changing the saturation by 10% instead.



■ 41.0668, -12.0118,  
23.3215

■ 41.0668, -12.0118,  
23.3215

153.1002,  
-23.8541, 50.8243

■ 31.8413, -10.6384,  
19.5078

■ 61.7208, -14.6793,  
30.2862

■ 23.4329, -9.2122,  
15.8637

■ 73.0516, -15.9912,  
33.5156

■ 15.9316, -7.7011,  
11.1521

■ 85.0018, -17.2973,  
36.6164

■ 9.4640, -6.7864,  
6.6248

■ 97.5407, -18.6017,  
39.6106

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.6419,  
-19.9076, 42.5157

0.0000, NaN, NaN

■ 124.2822,

0.0000, NaN, NaN

-21.2171, 45.3458

0.0000, NaN, NaN

138.4410,  
-22.5322, 48.1123

41.0668, -12.0118,  
23.3215

41.0668, -12.0118,  
23.3215

40.9526, -12.5634,  
24.1799

41.2109, -11.3056,  
22.0575

40.8612, -12.9794,  
24.6928

41.3845, -10.4280,  
20.3528

40.8164, -13.1805,  
24.9201

41.5906, -9.3705,  
18.1811

41.8310, -8.1262,  
15.5227

42.1071, -6.6902,  
12.3639

■ 42.4200, -5.0599,  
8.6961

■ 42.7705, -3.2345,  
4.5161

■ 43.1593, -1.2151,  
-0.1752

■ 43.5870, 0.9959,  
-5.3724

# Harmonies

## Analogous

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



41.0677, 6.3661, 23.5047



41.0668, -12.0118, 23.3215



41.0677, -25.1759, 19.4162

# Triad

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



41.0677, -12.0131, 23.3218



41.0677, -23.9946, -31.1620



41.0677, 38.8561, -6.3908

# Complementary

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



41.0668, -12.0118, 23.3215



16.1808, 21.1905, -53.6133

# 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.



41.0677, 27.3107, -28.6909



41.0668, -12.0118, 23.3215



41.0677, -10.1048, -46.7474

# Square

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



41.0677, -12.0131, 23.3218



41.0677, -31.1999, -8.8444



41.0677, 8.6454, -45.6824



41.0677, 38.0953, 10.8913



# Rectangle

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



41.0668, -12.0118, 23.3215



41.0677, -30.2146, 13.5571



41.0677, 8.6454, -45.6824



41.0677, 36.2090, -13.6527

# Sweetspot

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



41.0677, -12.0131, 23.3218



56.4342, -8.4888, 15.5100



22.7730, 26.2054, 11.2929



27.4317, -4.3479, 8.0313



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202



# Same Dimension

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



41.0677, -12.0131, 23.3218



54.7068, -17.2387, 32.8957



38.1999, -23.1065, 21.2272



20.6308, -1.9514, 3.0732



42.0685, -13.5914, 25.6845



92.7989, -30.2584, 56.6525



# Inverse Universe

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



16.1808, 21.1905, -53.6133



17.1168, 37.8785, -97.0456



19.8015, 28.5832, -39.5586



18.9705, -0.0969, -1.0957



12.0809, 32.4019, -82.9907



26.4379, 71.3581, -185.1033



# Previews

## White Background



This preview shows how the HunterLab color 41.0668, -12.0118, 23.3215 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 41.0668, -12.0118, 23.3215 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

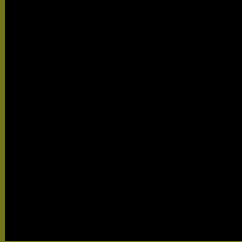
Any Text WCAG AA × Fail

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 41.0668, -12.0118, 23.3215 Background



This preview shows how black text looks on a background with the HunterLab color 41.0668, -12.0118, 23.3215.



This preview shows how white text looks on a background with the HunterLab color 41.0668, -12.0118, 23.3215.

-12.0118, 23.3215.

# 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

41.0668, -12.0118, 23.3215

### Protanopia

40.8810, -5.4302, 23.4098

### Deuteranopia

40.8486, 2.7735, 22.9113



## Tritanopia

41.0640, 2.4723, -0.3094

# Trichromacy



## Original Color

41.0668, -12.0118, 23.3215

## Protanomaly

40.9761, -7.9530, 23.4282

## Deuteranomaly

40.7476, -3.0389, 22.9617

## Tritanomaly

40.7979, -4.2569, 11.9612

# Monochromacy



## Original Color

41.0668, -12.0118, 23.3215

## Achromatopsia

38.3441, -2.0459, 2.0833

## Achromatomaly

39.0492, -6.5060, 12.7166

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.0668, -12.0118, 23.3215 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(114, 119, 30)` looks like.

```
.text, #text, p{  
    color:rgb(114, 119, 30)  
}
```

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(114, 119, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 119, 30) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.0668, -12.0118, 23.3215 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(114, 119, 30) }
```



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

```
.border{ border-color:rgb(114, 119, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 119, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 119, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 119, 30);  
box-shadow:4px 4px 4px 4px rgb(114, 119,  
30) }
```

# Background

The CSS property to change the background color of an element to HunterLab 41.0668, -12.0118, 23.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 119, 30) }
```

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

```
.background{ background-color: rgb(114,  
119, 30) }
```

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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