

Converting Colors

HunterLab(38.3110, -16.4137,
21.5208)

Have a look what the booklet for
HunterLab(38.3110, -16.4137,
21.5208) contains.

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Color

**HunterLab(38.3110,
-16.4137, 21.5208)**

Conversions

Conversions Part 1

Format	Color
Hex	5D731D
RGB	93, 115, 29
RGB Percent	36%, 45%, 11%
CMY	0.6353, 0.5490, 0.8863
CMYK	0.19, 0.00, 0.75, 0.55
HSL	75°, 60%, 28%
HSV	75°, 75%, 45%
XYZ	10.8667, 14.6773, 3.4227
YIQ	98.6180, 14.4940, -31.4100

Conversions

Conversions Part 2

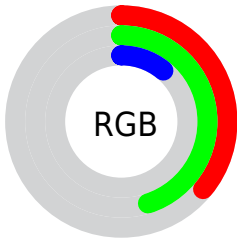
Format	Color
R_{YB}	29, 115, 51
Decimal	6124317
CIE Lab	45.19, -21.07, 42.38
CIE LCh	45, 47.329, 116.440
Yxy	14.6780, 0.3751, 0.5067
Android (android.graphics.Color)	4284314397 (0xFF5D731D)
YUV	98.6180, -34.3217, -4.9270
Hunter-Lab	38.3110, -16.4137, 21.5208

Details

The HunterLab color $38.3110, -16.4137, 21.5208$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $16.7950, 22.6833, -46.5160$, and the grayscale version is $35.3013, -1.8836, 1.9180$.

A 20% lighter version of the original color is $58.5772, -19.9781, 28.2581$, and $21.3302, -11.8389, 12.9363$ is the 20% darker color. If you saturate the color by 10%, you get $38.0535, -17.5365, 22.2826$, and if you desaturate by 10%, it is $38.6037, -15.1191, 20.3701$.

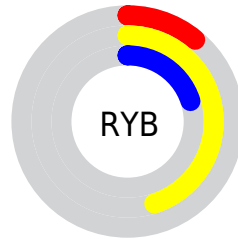
Distribution



Red (36%)

Green (45%)

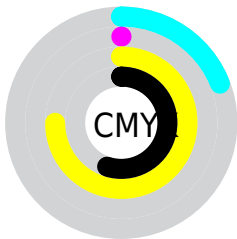
Blue (11%)



Red (11%)

Yellow (45%)

Blue (20%)

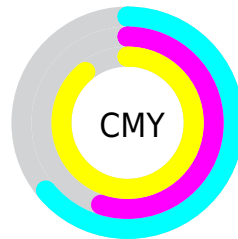


Cyan (19%)

Magenta (0%)

Yellow (75%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.3110, -16.4137, 21.5208 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 38.3110, -16.4137, 21.5208 by changing the saturation by 10% instead.

■ 38.3110, -16.4137,
21.5208

■ 38.3110, -16.4137,
21.5208

148.7981,
-31.6543, 47.7457

■ 29.3150, -14.4984,
17.8620

■ 58.5553, -20.0151,
28.1745

■ 21.1592, -12.4558,
14.6053

■ 69.7001, -21.7410,
31.2528

■ 13.9423, -10.2156,
9.7596

■ 81.4740, -23.4347,
34.2067

■ 7.5800, -12.5192,
5.3060

■ 93.8450, -25.1046,
37.0585

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.7857,
-26.7572, 39.8257

0.0000, NaN, NaN

■ 120.2718,

0.0000, NaN, NaN

-28.3972, 42.5222

0.0000, NaN, NaN

134.2823,
-30.0286, 45.1592

38.3110, -16.4137,
21.5208

38.3110, -16.4137,
21.5208

38.0535, -17.5365,
22.2826

38.6037, -15.1191,
20.3701

37.8247, -18.5054,
22.7132

38.9310, -13.6409,
18.8019

37.7103, -18.9888,
22.9045

39.2955, -11.9753,
16.7967

39.6982, -10.1198,
14.3418

40.1401, -8.0749,
11.4305

■ 40.6216, -5.8427,
8.0611

■ 41.1431, -3.4273,
4.2368

■ 41.7046, -0.8341,
-0.0356

■ 42.3060, 1.9302,
-4.7457

Harmonies

Analogous

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



38.3119, 0.1510, 22.6526



38.3110, -16.4137, 21.5208



38.3119, -27.0621, 16.3005

Triad

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



38.3119, -16.4148, 21.5210



38.3119, -19.5347, -37.3138



38.3119, 39.5061, -0.0398

Complementary

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



38.3110, -16.4137, 21.5208



16.7950, 22.6833, -46.5160

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.



38.3119, 31.6899, -21.2567



38.3110, -16.4137, 21.5208



38.3119, -4.1952, -48.2322

Square

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



38.3119, -16.4148, 21.5210



38.3119, -28.6133, -15.8931



38.3119, 14.8119, -41.2949



38.3119, 34.5893, 14.1431

Rectangle

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



38.3110, -16.4137, 21.5208



38.3119, -30.4736, 9.0980



38.3119, 14.8119, -41.2949



38.3119, 38.2488, -6.5690

Sweetspot

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



38.3119, -16.4148, 21.5210



53.8501, -10.1688, 14.3551



24.6134, 18.2408, 12.6855



26.2388, -5.2596, 7.4442



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



38.3119, -16.4148, 21.5210



50.6863, -24.4601, 30.2738



36.1134, -25.1729, 19.9035



20.5460, -2.2505, 2.9761



40.3062, -20.3536, 24.4802



88.7376, -45.8720, 53.8766

Inverse Universe

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



16.7950, 22.6833, -46.5160



17.9713, 38.2057, -84.0796



21.1429, 31.3793, -31.9088



19.0552, 0.1929, -0.9817



13.0817, 33.2197, -75.3976



28.2555, 72.7930, -170.9225

Previews

White Background



This preview shows how the HunterLab color 38.3110, -16.4137, 21.5208 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 38.3110, -16.4137, 21.5208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

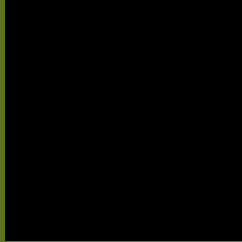
Any Text WCAG AA × Fail

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 38.3110, -16.4137, 21.5208 Background



This preview shows how black text looks on a background with the HunterLab color 38.3110, -16.4137, 21.5208.



This preview shows how white text looks on a background with the HunterLab color 38.3110, -16.4137, 21.5208.

-16.4137, 21.5208.

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

38.3110, -16.4137, 21.5208

Protanopia

38.1937, -5.1423, 21.8351

Deuteranopia

38.0750, 2.6993, 21.0328



Tritanopia

38.2114, -1.9865, -2.1267

Trichromacy



Original Color

38.3110, -16.4137, 21.5208

Protanomaly

38.1454, -9.5903, 21.6295

Deuteranomaly

37.8679, -4.8191, 20.9969

Tritanomaly

38.0061, -8.6400, 10.1833

Monochromacy



Original Color

38.3110, -16.4137, 21.5208

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.2477, -8.1941, 11.5953

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3110, -16.4137, 21.5208 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(93, 115, 29)` looks like.

```
.text, #text, p{  
    color:rgb(93, 115, 29)  
}
```

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(93, 115, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 115, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3110, -16.4137, 21.5208 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(93, 115, 29) }
```


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

```
.border{ border-color:rgb(93, 115, 29) }
```

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

Here you see how a box with a 4 pixel rgb(93, 115, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 115, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 115, 29);  
box-shadow:4px 4px 4px 4px rgb(93, 115,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.3110, -16.4137, 21.5208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 115, 29) }
```

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

```
.background{ background-color: rgb(93, 115,  
29) }
```

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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