

Converting Colors

HunterLab(38.4746, 12.1211,
-37.1002)

Have a look what the booklet for
HunterLab(38.4746, 12.1211,
-37.1002) contains.

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Color

**HunterLab(38.5563, 11.8142,
-36.8302)**

Conversions

Conversions Part 1

Format	Color
Hex	6165AD
RGB	97, 101, 173
RGB Percent	38%, 40%, 68%
CMY	0.6196, 0.6039, 0.3216
CMYK	0.44, 0.42, 0.00, 0.32
HSL	237°, 32%, 53%
HSV	237°, 44%, 68%
XYZ	17.1263, 14.8659, 41.5019
YIQ	108.0120, -25.4960, 21.5440

Conversions

Conversions Part 2

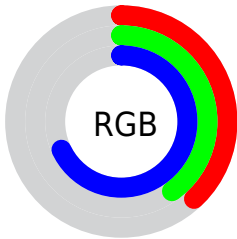
Format	Color
R _Y B	97, 101, 173
Decimal	6383021
CIE Lab	45.45, 17.54, -39.06
CIE LCh	45, 42.818, 294.180
Yxy	14.8664, 0.2330, 0.2023
Android (android.graphics.Color)	4284573101 (0xFF6165AD)
YUV	108.0120, 32.0391, -9.6575
Hunter-Lab	38.5563, 11.8142, -36.8302

Details

The HunterLab color $[38.5563, 11.8142, -36.8302]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[61.7448, -10.9762, 26.9943]$, and the grayscale version is $[38.6188, -2.0606, 2.0982]$.

A 20% lighter version of the original color is $[58.9007, 12.4885, -38.1057]$, and $[21.4524, 10.3245, -35.7112]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.3853, 16.6653, -49.3487]$, and if you desaturate by 10%, it is $[44.0783, 7.6168, -25.8852]$.

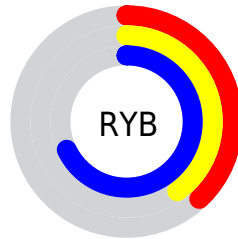
Distribution



Red (38%)

Green (40%)

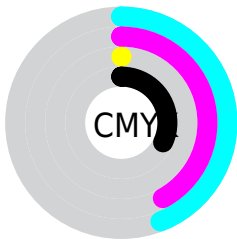
Blue (68%)



Red (38%)

Yellow (40%)

Blue (68%)

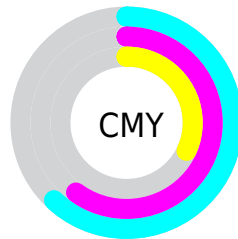


Cyan (44%)

Magenta (42%)

Yellow (0%)

Black (32%)



Cyan (62%)

Magenta (60%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.5563, 11.8142, -36.8302 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 38.5563, 11.8142, -36.8302 by changing the saturation by 10% instead.

■ 38.5563, 11.8142,
-36.8302

■ 38.5563, 11.8142,
-36.8302

■ 149.1832, 12.9846,
-41.8876

■ 29.5393, 11.2774,
-36.3039

■ 58.8376, 12.5773,
-38.1265

■ 21.3605, 10.6132,
-36.0582

■ 69.9993, 12.8289,
-38.7820

■ 14.1175, 9.7966,
-36.5215

■ 81.7891, 13.0062,
-39.4092

■ 7.7680, 9.6607,
-40.2458

■ 94.1753, 13.1163,
-39.9973

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.1305, 13.1647,
-40.5410

0.0000, NaN, NaN

■ 120.6305, 13.1564,

0.0000, NaN, NaN

-41.0378

0.0000, NaN, NaN

134.6544, 13.0952,
-41.4866

■ 38.5563, 11.8142,
-36.8302

■ 38.5563, 11.8142,
-36.8302

■ 33.3853, 16.6653,
-49.3487

■ 44.0783, 7.6168,
-25.8852

■ 28.6627, 22.3012,
-63.7285

■ 49.8805, 3.9324,
-16.1885

■ 24.5324, 28.7386,
-79.9295

■ 55.9152, 0.6430,
-7.4557

■ 21.1884, 35.6272,
-96.9491

■ 62.1475, -2.3432,
0.5364

■ 18.8480, 41.9103,
-112.0187

■ 68.5516, -5.0956,
7.9579

■ 17.9297, 44.7002,
-118.9055

■ 75.1076, -7.6664,
14.9374

■ 81.8001, -10.0950,
21.5722

■ 88.6169, -12.4114,
27.9364

■ 95.5477, -14.6384,
34.0869

Harmonies

Analogous

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



38.5570, -5.2240, -41.6124



38.5563, 11.8142, -36.8302



38.5570, 27.1835, -20.0695

Triad

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



38.5570, 11.8142, -36.8291



38.5570, 18.3189, 19.4261



38.5570, -28.8164, 5.0354

Complementary

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



38.5563, 11.8142, -36.8302



61.7448, -10.9762, 26.9943

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.



38.5570, -24.5586, 15.9124



38.5563, 11.8142, -36.8302



38.5570, 1.2107, 21.6684

Square

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



38.5570, 11.8142, -36.8291



38.5570, 31.3592, 12.5265



38.5570, -14.2122, 20.7267



38.5570, -26.9420, -12.4214

Rectangle

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



38.5563, 11.8142, -36.8302



38.5570, 33.4564, -7.0682



38.5570, -14.2122, 20.7267



38.5570, -28.0807, 9.4528

Sweetspot

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



38.5570, 11.8142, -36.8291



75.4062, 0.5681, -9.1980



59.3748, -22.9287, -0.7757



34.3311, 0.6851, -5.4079



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



38.5570, 11.8142, -36.8291



44.6799, 22.3007, -66.0369



40.3831, 22.2148, -32.7728



27.9684, -0.3667, -1.7512



15.4543, 37.9507, -101.2411



2.9643, 4.8841, -14.2486

Inverse Universe

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



42.8648, 24.3363, 9.8089



52.2243, 41.4745, 15.5943



60.2759, -22.7767, 25.6179



28.3230, 0.9898, 2.1895



25.5815, 43.8770, 16.0046



4.2920, 7.4119, 2.2955

Previews

White Background



This preview shows how the HunterLab color 38.5563, 11.8142, -36.8302 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 38.5563, 11.8142, -36.8302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

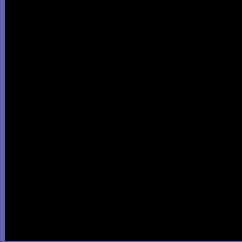
Any Text WCAG AA × Fail

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 38.5563, 11.8142, -36.8302 Background



This preview shows how black text looks on a background with the HunterLab color 38.5563, 11.8142, -36.8302.

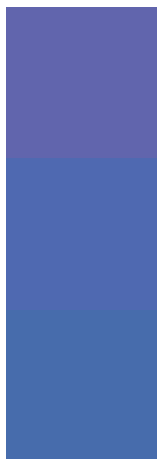


This preview shows how white text looks on a background with the HunterLab color 38.5563, 11.8142, -36.8302.

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

38.5563, 11.8142, -36.8302

Protanopia

38.6520, 7.2275, -39.8607

Deuteranopia

38.7857, 3.0337, -35.7104



Tritanopia

38.4809, -7.9081, -4.2978

Trichromacy



Original Color

38.5563, 11.8142, -36.8302

Protanomaly

38.7475, 8.7771, -38.8208

Deuteranomaly

38.4541, 6.0762, -36.3759

Tritanomaly

38.3318, -1.3248, -14.7798

Monochromacy



Original Color

38.5563, 11.8142, -36.8302

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.3564, 2.3347, -10.0678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.5563, 11.8142, -36.8302 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(97, 101, 173)` looks like.

```
.text, #text, p{  
    color:rgb(97, 101, 173)  
}
```

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(97, 101, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 101, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 38.5563, 11.8142, -36.8302 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(97, 101, 173) }
```


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

```
.border{ border-color:rgb(97, 101, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 101, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 101, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 101, 173);  
box-shadow:4px 4px 4px 4px rgb(97, 101,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.5563, 11.8142, -36.8302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 101, 173) }
```

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

```
.background{ background-color: rgb(97, 101,  
173) }
```

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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