

Converting Colors

HunterLab(37.9451, -2.3756,
-13.8814)

Have a look what the booklet for
HunterLab(37.9451, -2.3756,
-13.8814) contains.

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Color

HunterLab(38.0297, -2.6038,
-13.5097)

Conversions

Conversions Part 1

Format	Color
Hex	556C89
RGB	85, 108, 137
RGB Percent	33%, 42%, 54%
CMY	0.6667, 0.5765, 0.4627
CMYK	0.38, 0.21, 0.00, 0.46
HSL	213°, 23%, 44%
HSV	213°, 38%, 54%
XYZ	13.6243, 14.4626, 25.7404
YIQ	104.4290, -23.0170, 4.1430

Conversions

Conversions Part 2

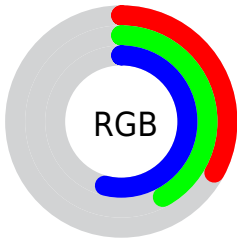
Format	Color
R _{YB}	85, 101, 137
Decimal	5598345
CIE Lab	44.89, -0.78, -18.68
CIE LCh	45, 18.700, 267.612
Yxy	14.4631, 0.2531, 0.2687
Android (android.graphics.Color)	4283788425 (0xFF556C89)
YUV	104.4290, 16.0575, -17.0392
Hunter-Lab	38.0297, -2.6038, -13.5097

Details

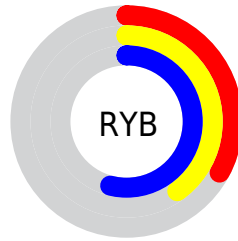
The HunterLab color **38.0297, -2.6038, -13.5097** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **42.4373, 1.3366, 14.1650**, and the grayscale version is **37.3169, -1.9911, 2.0275**.

A 20% lighter version of the original color is **58.0932, -3.8124, -13.9888**, and **20.9778, -1.6830, -12.5875** is the 20% darker color. If you saturate the color by 10%, you get **35.1299, -1.8851, -18.3301**, and if you desaturate by 10%, it is **41.0495, -2.9890, -8.9417**.

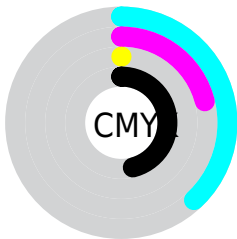
Distribution



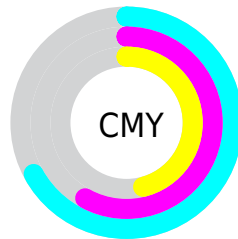
- Red (33%)
- Green (42%)
- Blue (54%)



- Red (33%)
- Yellow (40%)
- Blue (54%)



- Cyan (38%)
- Magenta (21%)
- Yellow (0%)
- Black (46%)



- Cyan (67%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0297, -2.6038, -13.5097 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 38.0297, -2.6038, -13.5097 by changing the saturation by 10% instead.

■ 38.0297, -2.6038,
-13.5097

■ 38.0297, -2.6038,
-13.5097

■ 148.3554, -8.8272,
-14.0763

■ 29.0577, -2.0754,
-13.1344

■ 58.2311, -3.7709,
-14.0526

■ 20.9285, -1.5866,
-12.7005

■ 69.3564, -4.4050,
-14.2246

■ 13.7416, -1.1408,
-12.2463

■ 81.1119, -5.0705,
-14.3347

■ 7.3576, -0.8544,
-12.8007

■ 93.4655, -5.7662,
-14.3865

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.3894, -6.4907,
-14.3835

0.0000, NaN, NaN

119.8595, -7.2431,

0.0000, NaN, NaN

-14.3289

0.0000, NaN, NaN

133.8545, -8.0222,
-14.2257

■ 38.0297, -2.6038,
-13.5097

■ 38.0297, -2.6038,
-13.5097

■ 35.1299, -1.8851,
-18.3301

■ 41.0495, -2.9890,
-8.9417

■ 32.3631, -0.7783,
-23.4305

■ 44.1741, -3.0872,
-4.6000

■ 29.7477, 0.7745,
-28.8271

■ 47.3936, -2.9392,
-0.4557

■ 27.3036, 2.8299,
-34.5196

■ 50.6987, -2.5794,
3.5173

■ 25.0523, 5.4318,
-40.4797

■ 54.0816, -2.0362,
7.3426

■ 22.9933, 8.5283,
-46.7100

■ 57.5357, -1.3337,
11.0410

■ 22.5850, 9.1832,
-48.0533

■ 61.0554, -0.4918,
14.6305

■ 64.6358, 0.4728,
18.1267

■ 68.2727, 1.5459,
21.5431

Harmonies

Analogous

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



38.0304, -9.1401, -10.7583



38.0297, -2.6038, -13.5097



38.0304, 4.5742, -11.4863

Triad

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



38.0304, -2.6041, -13.5089



38.0304, 10.9770, 7.6625



38.0304, -12.9906, 8.4482

Complementary

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



38.0297, -2.6038, -13.5097



42.4373, 1.3366, 14.1650

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.



38.0304, -8.2146, 11.9568



38.0297, -2.6038, -13.5097



38.0304, 5.6415, 11.5658

Square

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



38.0304, -2.6041, -13.5089



38.0304, 12.7523, 1.5195



38.0304, -1.4550, 12.9836



38.0304, -14.8529, 2.6126

Rectangle

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



38.0297, -2.6038, -13.5097



38.0304, 8.7005, -7.8787



38.0304, -1.4550, 12.9836



38.0304, -11.6909, 9.8949

Sweetspot

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



38.0304, -2.6041, -13.5089



61.9927, -4.0318, -2.4064



45.8572, -19.1105, 7.4930



29.1258, -1.9221, -1.4380



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



38.0304, -2.6041, -13.5089



47.3686, -2.6340, -23.9077



32.1852, 8.8475, -23.6112



22.8749, -1.4449, -0.4599



21.8508, 8.7504, -46.2012



2.4525, -0.4761, -2.0377

Inverse Universe

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



35.9146, 18.0246, -0.9764



44.3246, 30.7897, -1.6897



48.6300, -9.9252, 19.3130



22.5454, 1.0727, 0.7553



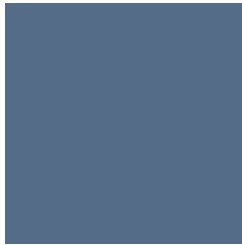
22.9482, 40.6597, 4.2844



1.9456, 3.5860, -0.7124

Previews

White Background



This preview shows how the HunterLab color 38.0297, -2.6038, -13.5097 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 38.0297, -2.6038, -13.5097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

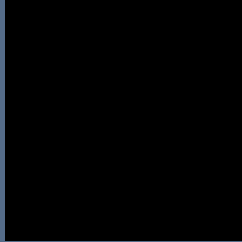
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

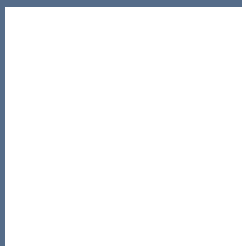
Any Text WCAG AAA × Fail

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

HunterLab 38.0297, -2.6038, -13.5097 Background



This preview shows how black text looks on a background with the HunterLab color 38.0297, -2.6038, -13.5097.

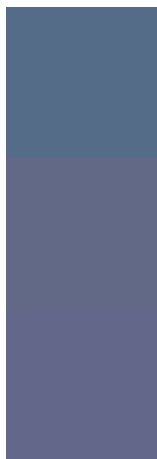


This preview shows how white text looks on a background with the HunterLab color 38.0297, -2.6038, -13.5097.

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

38.0297, -2.6038, -13.5097

Protanopia

38.0120, 1.3899, -12.3055

Deuteranopia

37.9319, 2.7163, -14.1626



Tritanopia

38.0451, -8.0817, -4.3902

Trichromacy



Original Color

38.0297, -2.6038, -13.5097

Protanomaly

37.9642, -0.0847, -12.9849

Deuteranomaly

37.8389, 1.0286, -14.3417

Tritanomaly

38.0159, -6.3256, -7.4702

Monochromacy



Original Color

38.0297, -2.6038, -13.5097

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.2901, -2.3891, -3.3349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0297, -2.6038, -13.5097 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(85, 108, 137)` looks like.

```
.text, #text, p{  
    color:rgb(85, 108, 137)  
}
```

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(85, 108, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 108, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0297, -2.6038, -13.5097 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(85, 108, 137) }
```


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

```
.border{ border-color:rgb(85, 108, 137) }
```

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

Here you see how a box with a 4 pixel rgb(85, 108, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 108, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 108, 137);  
box-shadow:4px 4px 4px 4px rgb(85, 108,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0297, -2.6038, -13.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 108, 137) }
```

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

```
.background{ background-color: rgb(85, 108,  
137) }
```

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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