

Converting Colors

HunterLab(38.8068, -5.0750,
-31.1113)

Have a look what the booklet for
HunterLab(38.8068, -5.0750,
-31.1113) contains.

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Color

**HunterLab(38.7486, -4.8692,
-31.4097)**

Conversions

Conversions Part 1

Format	Color
Hex	2871A6
RGB	40, 113, 166
RGB Percent	16%, 44%, 65%
CMY	0.8431, 0.5569, 0.3490
CMYK	0.76, 0.32, 0.00, 0.35
HSL	205°, 61%, 40%
HSV	205°, 76%, 65%
XYZ	13.6631, 15.0145, 38.2543
YIQ	97.2150, -60.5210, 1.0070

Conversions

Conversions Part 2

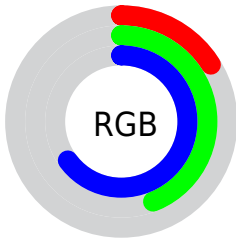
Format	Color
R_{YB}	40, 86, 166
Decimal	2650534
CIE _{Lab}	45.65, -3.83, -34.82
CIE _{LCh}	46, 35.034, 263.729
Yxy	15.0150, 0.2041, 0.2243
Android (android.graphics.Color)	4280840614 (0xFF2871A6)
YUV	97.2150, 33.9110, -50.1776
Hunter-Lab	38.7486, -4.8692, -31.4097

Details

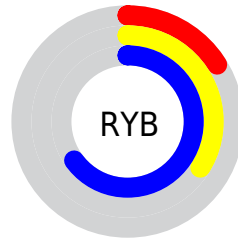
The HunterLab color **38.7486, -4.8692, -31.4097** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **40.1131, 18.9087, 22.0800**, and the grayscale version is **34.5495, -1.8435, 1.8771**.

A 20% lighter version of the original color is **59.1729, -6.7208, -32.1976**, and **22.6083, -0.2024, -27.8214** is the 20% darker color. If you saturate the color by 10%, you get **36.4034, -2.8955, -36.3770**, and if you desaturate by 10%, it is **41.2805, -6.2436, -26.4884**.

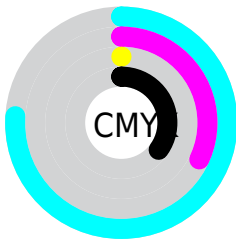
Distribution



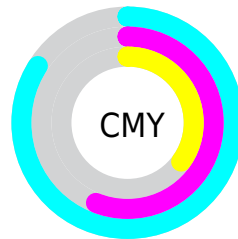
- Red (16%)
- Green (44%)
- Blue (65%)



- Red (16%)
- Yellow (34%)
- Blue (65%)



- Cyan (76%)
- Magenta (32%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7486, -4.8692, -31.4097 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 38.7486, -4.8692, -31.4097 by changing the saturation by 10% instead.

■ 38.7486, -4.8692,
-31.4097

■ 38.7486, -4.8692,
-31.4097

■ 149.4849,
-12.4120, -35.7840

■ 29.7152, -4.1421,
-30.8312

■ 59.0589, -6.3871,
-32.6533

■ 21.5184, -3.4342,
-30.4184

■ 70.2337, -7.1803,
-33.2428

■ 14.2552, -2.7397,
-30.4705

■ 82.0361, -7.9964,
-33.7902

■ 7.9121, -2.5300,
-32.7831

■ 94.4341, -8.8352,
-34.2896

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.4006, -9.6964,
-34.7387

0.0000, NaN, NaN

■ 120.9116,

0.0000, NaN, NaN

-10.5799, -35.1371

0.0000, NaN, NaN

134.9460,
-11.4852, -35.4852

■ 38.7486, -4.8692,
-31.4097

■ 38.7486, -4.8692,
-31.4097

■ 36.4034, -2.8955,
-36.3770

■ 41.2805, -6.2436,
-26.4884

■ 34.2455, -0.3344,
-41.3644

■ 43.9865, -7.0492,
-21.6473

■ 33.3919, 0.8015,
-43.4672

■ 46.8548, -7.3302,
-16.9080

■ 49.8724, -7.1375,
-12.2830

■ 53.0268, -6.5221,
-7.7772

■ 56.3062, -5.5324,
-3.3897

■ 59.7003, -4.2123,
0.8845

■ 63.1993, -2.6010,
5.0525

■ 66.7949, -0.7326,
9.1227

Harmonies

Analogous

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



38.7492, -16.2826, -23.5986



38.7486, -4.8692, -31.4097



38.7492, 8.9579, -28.0506

Triad

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



38.7492, -4.8688, -31.4089



38.7492, 24.7199, 10.8004



38.7492, -20.8824, 14.0737

Complementary

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



38.7486, -4.8692, -31.4097



40.1131, 18.9087, 22.0800

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.



38.7492, -11.9871, 18.6068



38.7486, -4.8692, -31.4097



38.7492, 14.5425, 17.2205

Square

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



38.7492, -4.8688, -31.4089



38.7492, 27.3089, -0.6906



38.7492, 0.8113, 19.5196



38.7492, -24.6750, 4.7146

Rectangle

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



38.7486, -4.8692, -31.4097



38.7492, 17.5901, -20.3571



38.7492, 0.8113, 19.5196



38.7492, -18.4539, 16.0630

Sweetspot

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



38.7492, -4.8688, -31.4089



72.5130, -8.5015, -9.0023



53.3906, -38.3839, 20.8539



33.5838, -4.2081, -5.2469



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



38.7492, -4.8688, -31.4089



47.0418, -1.6334, -53.5647



23.5148, 26.5674, -76.0086



28.2758, -2.2681, -0.2683



29.5639, 0.4296, -37.8797



5.5723, -1.4504, -3.8339

Inverse Universe

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



32.8901, 48.0868, -7.0549



41.1237, 71.5767, -5.8074



56.4537, -10.5329, 32.4929



27.5906, 1.5738, 0.4646



26.3693, 47.6869, -2.5626



4.2315, 7.8634, -2.0474

Previews

White Background



This preview shows how the HunterLab color 38.7486, -4.8692, -31.4097 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 38.7486, -4.8692, -31.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

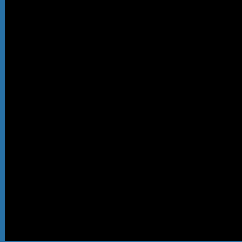
Any Text WCAG AA × Fail

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 38.7486, -4.8692, -31.4097 Background



This preview shows how black text looks on a background with the HunterLab color 38.7486, -4.8692, -31.4097.

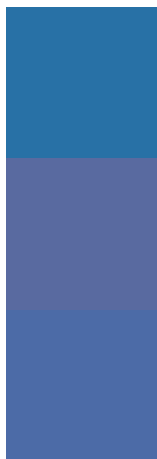


This preview shows how white text looks on a background with the HunterLab color 38.7486, -4.8692, -31.4097.

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

38.7486, -4.8692, -31.4097

Protanopia

38.6911, 4.3485, -27.0466

Deuteranopia

38.5252, 3.0689, -32.4716



Tritanopia

38.7530, -18.6295, -8.2220

Trichromacy



Original Color

38.7486, -4.8692, -31.4097

Protanomaly

38.5817, -0.0225, -28.7559

Deuteranomaly

38.4500, -0.0027, -32.6816

Tritanomaly

38.4410, -14.1468, -16.0314

Monochromacy



Original Color

38.7486, -4.8692, -31.4097

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.5558, -5.2746, -8.8860

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7486, -4.8692, -31.4097 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(40, 113, 166)` looks like.

```
.text, #text, p{  
    color:rgb(40, 113, 166)  
}
```

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(40, 113, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 113, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7486, -4.8692, -31.4097 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(40, 113, 166) }
```


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

```
.border{ border-color:rgb(40, 113, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 113, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 113, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 113, 166);  
box-shadow:4px 4px 4px 4px rgb(40, 113,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7486, -4.8692, -31.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 113, 166) }
```

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

```
.background{ background-color: rgb(40, 113,  
166) }
```

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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