

Converting Colors

HunterLab(38.2470, -5.2712,
-31.7127)

Have a look what the booklet for
HunterLab(38.2470, -5.2712,
-31.7127) contains.

HunterLab(38.2469, -5.2670, -31.7072)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(38.2469, -5.2670,
-31.7072)**

Conversions

Conversions Part 1

Format	Color
Hex	2170A5
RGB	33, 112, 165
RGB Percent	13%, 44%, 65%
CMY	0.8705, 0.5608, 0.3529
CMYK	0.80, 0.32, 0.00, 0.35
HSL	204°, 67%, 39%
HSV	204°, 80%, 65%
XYZ	13.2129, 14.6283, 37.7244
YIQ	94.4210, -64.0970, -0.2650

Conversions

Conversions Part 2

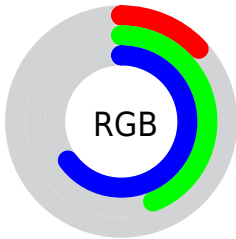
Format	Color
R _Y B	33, 82, 165
Decimal	2191525
CIE Lab	45.12, -4.44, -35.09
CIE LCh	45, 35.368, 262.793
Yxy	14.6287, 0.2015, 0.2231
Android (android.graphics.Color)	4280381605 (0xFF2170A5)
YUV	94.4210, 34.7954, -53.8662
Hunter-Lab	38.2469, -5.2670, -31.7072

Details

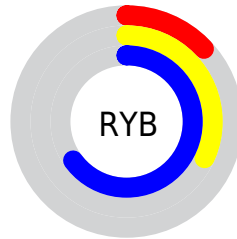
The HunterLab color **38.2469, -5.2670, -31.7072** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **38.4272, 21.5697, 21.8350**, and the grayscale version is **33.5061, -1.7878, 1.8205**.

A 20% lighter version of the original color is **58.3218, -6.6915, -33.0137**, and **22.2999, -0.0353, -27.7967** is the 20% darker color. If you saturate the color by 10%, you get **36.0710, -3.2267, -36.3415**, and if you desaturate by 10%, it is **40.6046, -6.7197, -27.0761**.

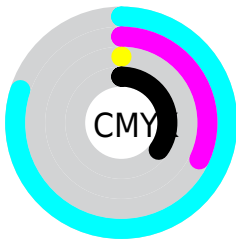
Distribution



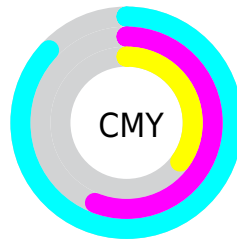
- Red (13%)
- Green (44%)
- Blue (65%)



- Red (13%)
- Yellow (32%)
- Blue (65%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (35%)



- Cyan (87%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2469, -5.2670, -31.7072 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 38.2469, -5.2670, -31.7072 by changing the saturation by 10% instead.

■ 38.2469, -5.2670,
-31.7072

■ 38.2469, -5.2670,
-31.7072

■ 148.6970,
-13.0624, -36.1458

■ 29.2562, -4.5011,
-31.1356

■ 58.4812, -6.8529,
-32.9559

■ 21.1065, -3.7498,
-30.7457

■ 69.6216, -7.6767,
-33.5521

■ 13.8964, -3.0052,
-30.8610

■ 81.3913, -8.5215,
-34.1073

■ 7.5298, -2.9699,
-33.9106

■ 93.7583, -9.3876,
-34.6152

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.6951,
-10.2749, -35.0732

0.0000, NaN, NaN

■ 120.1776,

0.0000, NaN, NaN

-11.1833, -35.4807

0.0000, NaN, NaN

134.1846,
-12.1125, -35.8379

■ 38.2469, -5.2670,
-31.7072

■ 38.2469, -5.2670,
-31.7072

■ 36.0710, -3.2267,
-36.3415

■ 40.6046, -6.7197,
-27.0761

■ 34.0487, -0.7123,
-41.0190

■ 43.1351, -7.6014,
-22.4829

■ 34.0474, -0.7107,
-41.0221

■ 45.8288, -7.9474,
-17.9532

■ 48.6740, -7.8032,
-13.5055

■ 51.6588, -7.2175,
-9.1506

■ 54.7720, -6.2381,
-4.8928

■ 58.0032, -4.9094,
-0.7320

■ 61.3427, -3.2718,
3.3354

■ 64.7818, -1.3610,
7.3146

Harmonies

Analogous

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



38.2475, -16.5979, -23.4830



38.2469, -5.2670, -31.7072



38.2475, 8.6173, -28.6604

Triad

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



38.2475, -5.2665, -31.7064



38.2475, 25.1555, 10.5151



38.2475, -20.7114, 14.2705

Complementary

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



38.2469, -5.2670, -31.7072



38.4272, 21.5697, 21.8350

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.



38.2475, -11.6499, 18.6412



38.2469, -5.2670, -31.7072



38.2475, 15.0780, 17.0612

Square

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



38.2475, -5.2665, -31.7064



38.2475, 27.4915, -1.1701



38.2475, 1.2913, 19.4453



38.2475, -24.6706, 5.0713

Rectangle

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



38.2469, -5.2670, -31.7072



38.2475, 17.3800, -21.0230



38.2475, 1.2913, 19.4453



38.2475, -18.2272, 16.2009

Sweetspot

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



38.2475, -5.2665, -31.7064



71.4260, -8.9920, -9.0652



52.8231, -39.2019, 22.0268



32.7406, -4.4030, -5.1420



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



38.2475, -5.2665, -31.7064



46.1768, -1.6747, -53.4321



22.3843, 27.8465, -80.0077



27.4439, -2.2613, -0.2026



29.7813, -0.9016, -35.2778



5.2469, -1.5611, -3.1883

Inverse Universe

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



32.0275, 49.7675, -7.7720



40.2096, 71.7892, -5.9595



55.2280, -9.4228, 32.3208



26.7466, 1.5337, 0.3952



25.9605, 47.1078, -3.7647



3.8806, 7.2495, -2.1732

Previews

White Background



This preview shows how the HunterLab color 38.2469, -5.2670, -31.7072 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 38.2469, -5.2670, -31.7072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

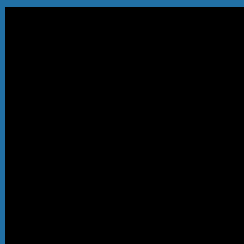
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

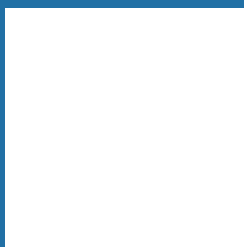
Any Text WCAG AAA × Fail

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

HunterLab 38.2469, -5.2670, -31.7072 Background



This preview shows how black text looks on a background with the HunterLab color 38.2469, -5.2670, -31.7072.

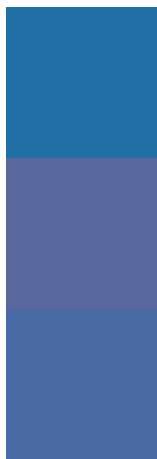


This preview shows how white text looks on a background with the HunterLab color 38.2469, -5.2670, -31.7072.

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

38.2469, -5.2670, -31.7072

Protanopia

38.0507, 4.8702, -27.5779

Deuteranopia

38.1013, 2.9448, -32.6096



Tritanopia

38.0646, -18.2693, -8.1394

Trichromacy



Original Color

38.2469, -5.2670, -31.7072

Protanomaly

37.8385, 0.1784, -29.5147

Deuteranomaly

37.9580, -0.3596, -32.9677

Tritanomaly

38.0684, -14.0815, -16.0358

Monochromacy



Original Color

38.2469, -5.2670, -31.7072

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.7004, -5.6004, -9.0770

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2469, -5.2670, -31.7072 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(33, 112, 165)` looks like.

```
.text, #text, p{  
    color:rgb(33, 112, 165)  
}
```

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(33, 112, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 112, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2469, -5.2670, -31.7072 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(33, 112, 165) }
```


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

```
.border{ border-color:rgb(33, 112, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 112, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 112, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 112, 165);  
box-shadow:4px 4px 4px 4px rgb(33, 112,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2469, -5.2670, -31.7072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 112, 165) }
```

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

```
.background{ background-color: rgb(33, 112,  
165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor