

Converting Colors

HunterLab(4.5389, -7.9430,
-5.7398)

Have a look what the booklet for
HunterLab(4.5389, -7.9430, -5.7398)
contains.

HunterLab(5.8168, -1.8881, -3.1946) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 24
 Color Blindness Simulation 28
 CSS Examples 31

Color

**HunterLab(5.8168, -1.8881,
-3.1946)**

Conversions

Conversions Part 1

Format	Color
Hex	000D14
RGB	0, 13, 20
RGB Percent	0%, 5%, 8%
CMY	1.0000, 0.9490, 0.9216
CMYK	1.00, 0.35, 0.00, 0.92
HSL	201°, 100%, 4%
HSV	201°, 100%, 8%
XYZ	0.2702, 0.3384, 0.7129
YIQ	9.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

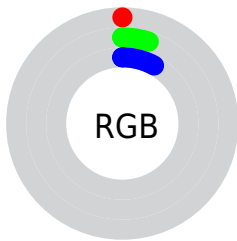
Format	Color
RYB	0, 8, 20
Decimal	3348
CIELab	3.06, -2.11, -4.93
CIELCh	3, 5.358, 246.860
Yxy	0.3384, 0.2045, 0.2561
Android (android.graphics.Color)	4278193428 (0xFF000D14)
YUV	9.9110, 4.9739, -8.6919
Hunter-Lab	5.8168, -1.8881, -3.1946

Details

The HunterLab color **5.8168, -1.8881, -3.1946** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **5.4835, 2.2683, 3.4185**, and the grayscale version is **5.4735, -0.2921, 0.2974**.

A 20% lighter version of the original color is **19.4435, -2.2987, -1.9565**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **5.8168, -1.8881, -3.1946**, and if you desaturate by 10%, it is **6.0786, -1.7002, -2.7396**.

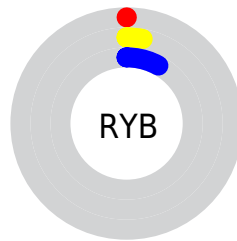
Distribution



Red (0%)

Green (5%)

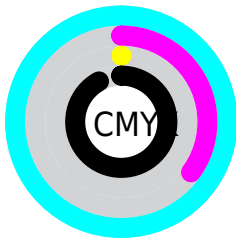
Blue (8%)



Red (0%)

Yellow (3%)

Blue (8%)

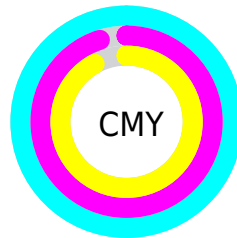


Cyan (100%)

Magenta (35%)

Yellow (0%)

Black (92%)



Cyan (100%)


Magenta (95%)


Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the HunterLab color 5.8168, -1.8881, -3.1946 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 5.8168, -1.8881, -3.1946 by changing the saturation by 10% instead.


 5.8168, -1.8881,
-3.1946

 5.8168, -1.8881,
-3.1946


 91.1570, -6.9378,
0.2134

0.0000, NaN, NaN


0.0000, NaN, NaN

 19.5367, -2.2717,
-1.9126

0.0000, NaN, NaN


 27.5015, -2.8490,
-1.7900

0.0000, NaN, NaN


 36.3257, -3.4570,
-1.5944

0.0000, NaN, NaN

0.0000, NaN, NaN

 45.9324, -4.0954,
-1.3355

0.0000, NaN, NaN


 56.2624, -4.7636,
-1.0204


0.0000, NaN, NaN


0.0000, NaN, NaN


 67.2684, -5.4607,


-0.6545


 78.9109, -6.1857,
-0.2421


 5.8168, -1.8881,
-3.1946

 6.0786, -1.7002,
-2.7396

 6.3346, -1.5381,
-2.3181

 6.5857, -1.3982,
-1.9247

 6.8325, -1.2778,
-1.5553

 7.0754, -1.1747,
-1.2066

■ 7.3199, -1.0691,
-0.8689

■ 7.5714, -0.9417,
-0.5336

■ 7.8294, -0.7946,
-0.2012

■ 8.0937, -0.6290,
0.1282

Harmonies

Analogous

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



5.8169, -3.5222, -1.9738



5.8168, -1.8881, -3.1946



5.8169, 0.1688, -3.4743

Triad

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



5.8169, -1.8881, -3.1945



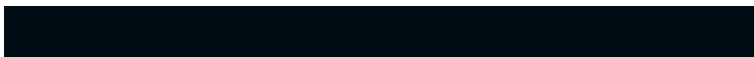
5.8169, 3.6745, 0.7727



5.8169, -2.7185, 3.3717

Complementary

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



5.8168, -1.8881, -3.1946



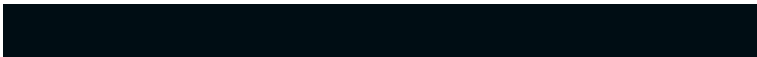
5.4835, 2.2683, 3.4185

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.



5.8169, -0.7901, 4.0718



5.8168, -1.8881, -3.1946



5.8169, 2.9008, 2.6071

Square

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



5.8169, -1.8881, -3.1945



5.8169, 3.3803, -1.1839



5.8169, 1.2667, 3.8278



5.8169, -4.0017, 1.8171

Rectangle

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



5.8168, -1.8881, -3.1946



5.8169, 1.5029, -3.0897



5.8169, 1.2667, 3.8278



5.8169, -2.1242, 3.7230

Sweetspot

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



5.8169, -1.8881, -3.1945



8.9738, -1.1744, -0.7560



7.1809, -5.3948, 2.6707



5.6897, -0.7174, -0.3869



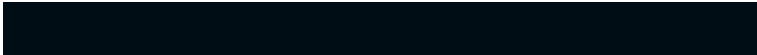
51.3102, -2.7378, 2.7878



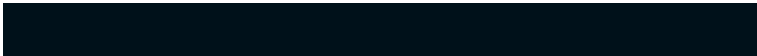
6.2737, -0.3347, 0.3409

Same Dimension

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



5.8169, -1.8881, -3.1945



6.7838, -2.0089, -4.1425



3.4007, 2.3864, -9.4015



5.4338, -0.3891, 0.1455



16.1652, -2.9577, -13.8202



45.2274, -5.3281, -45.0286

Inverse Universe

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



4.2166, 7.9094, -2.6175



5.0223, 9.3804, -2.7976



7.4137, -1.2015, 4.5471



5.3542, 0.0065, 0.1694



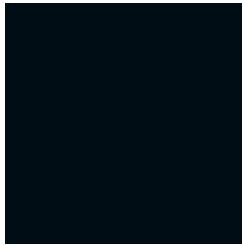
12.9144, 23.7730, -4.4973



37.5727, 68.7015, -9.4966

Previews

White Background



This preview shows how the HunterLab color 5.8168, -1.8881, -3.1946 looks on a white background.

Color Contrast Check

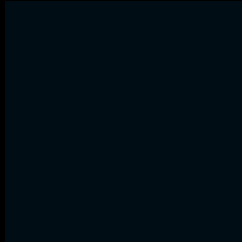
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 5.8168, -1.8881, -3.1946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

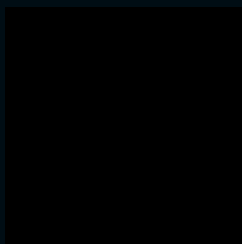
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

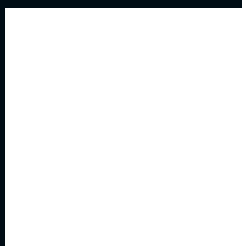
Any Text WCAG AAA × Fail

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

HunterLab 5.8168, -1.8881, -3.1946 Background



This preview shows how black text looks on a background with the HunterLab color 5.8168, -1.8881, -3.1946.



This preview shows how white text looks on a background with the HunterLab color 5.8168, -1.8881, -3.1946.

-3.1946.

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

5.8168, -1.8881, -3.1946

Protanopia

6.1196, 0.2054, -2.1946

Deuteranopia

6.0421, -0.0011, -2.7712



Tritanopia

5.9039, -2.9771, -0.9527

Trichromacy



Original Color

5.8168, -1.8881, -3.1946

Protanomaly

5.9049, -0.5357, -2.5569

Deuteranomaly

5.8798, -0.5650, -3.0604

Tritanomaly

5.9544, -2.6794, -1.6584

Monochromacy



Original Color

5.8168, -1.8881, -3.1946

Achromatopsia

5.5093, -0.2940, 0.2993

Achromatomaly

5.5657, -0.9510, -1.0130

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 5.8168, -1.8881, -3.1946 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(0, 13, 20)` looks like.

```
.text, #text, p{  
    color:rgb(0, 13, 20)  
}
```

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(0, 13, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 13, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 5.8168, -1.8881, -3.1946 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(0, 13, 20) }
```


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

```
.border{ border-color:rgb(0, 13, 20) }
```

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

Here you see how a box with a 4 pixel rgb(0, 13, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 13, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 13, 20); box-shadow:4px  
4px 4px 4px rgb(0, 13, 20) }
```

Background

The CSS property to change the background color of an element to HunterLab 5.8168, -1.8881, -3.1946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 13, 20) }
```

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

```
.background{ background-color: rgb(0, 13,  
20) }
```

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