

Converting Colors

HunterLab(31.9916, -3.9780,
-2.6823)

Have a look what the booklet for
HunterLab(31.9916, -3.9780,
-2.6823) contains.

| | |
|---|----|
| HunterLab(31.9948, -3.8166, -2.6940) | 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(31.9948, -3.8166,
-2.6940)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 4F5C64 |
| RGB | 79, 92, 100 |
| RGB Percent | 31%, 36%, 39% |
| CMY | 0.6902, 0.6392, 0.6078 |
| CMYK | 0.21, 0.08, 0.00, 0.61 |
| HSL | 203°, 12%, 35% |
| HSV | 203°, 21%, 39% |
| XYZ | 9.3519, 10.2367, 13.5396 |
| YIQ | 89.0250, -10.3160, -0.2680 |

Conversions

Conversions Part 2

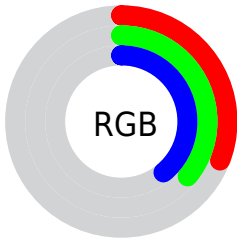
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 79, 87, 100 |
| Decimal | 5200996 |
| CIE _{Lab} | 38.26, -3.07, -6.27 |
| CIE _{LCh} | 38, 6.978, 243.916 |
| Yxy | 10.2371, 0.2823, 0.3090 |
| Android (android.graphics.Color) | 4283391076 (0xFF4F5C64) |
| YUV | 89.0250, 5.4107, -8.7919 |
| Hunter-Lab | 31.9948, -3.8166, -2.6940 |

Details

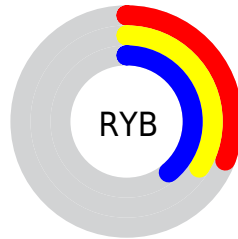
The HunterLab color **31.9948, -3.8166, -2.6940** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **31.7651, 1.0267, 5.7842**, and the grayscale version is **31.6000, -1.6861, 1.7169**.

A 20% lighter version of the original color is **51.1562, -5.2180, -2.5025**, and **15.9722, -2.4788, -2.7043** is the 20% darker color. If you saturate the color by 10%, you get **30.3259, -4.4501, -4.9634**, and if you desaturate by 10%, it is **33.7273, -2.9977, -0.4647**.

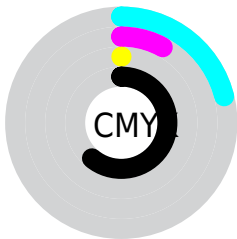
Distribution



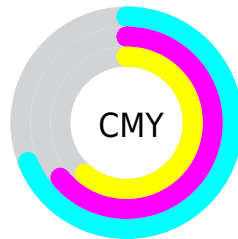
- Red (31%)
- Green (36%)
- Blue (39%)



- Red (31%)
- Yellow (34%)
- Blue (39%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (61%)



- Cyan (69%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.9948, -3.8166, -2.6940 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 31.9948, -3.8166, -2.6940 by changing the saturation by 10% instead.

31.9948, -3.8166,
-2.6940

31.9948, -3.8166,
-2.6940

138.6924,
-10.8735, 0.6095

23.5721, -3.1574,
-2.7821

51.2255, -5.2111,
-2.3091

16.0540, -2.5198,
-2.7868

61.9129, -5.9463,
-2.0287

9.5670, -1.9141,
-2.6914

73.2548, -6.7068,
-1.6970

0.0000, NaN, -NF

0.0000, NaN, NaN

85.2155, -7.4922,
-1.3180

0.0000, NaN, NaN

97.7644, -8.3021,
-0.8953

0.0000, NaN, NaN

110.8752, -9.1360,

0.0000, NaN, NaN

-0.4316

0.0000, NaN, NaN

124.5247, -9.9932,
0.0707

■ 31.9948, -3.8166,
-2.6940

■ 31.9948, -3.8166,
-2.6940

■ 30.3259, -4.4501,
-4.9634

■ 33.7273, -2.9977,
-0.4647

■ 28.7235, -4.8748,
-7.2731

■ 35.5168, -2.0118,
1.7231

■ 27.1938, -5.0682,
-9.6191

■ 37.3597, -0.8774,
3.8714

■ 25.7422, -5.0070,
-11.9949

■ 39.2520, 0.3895,
5.9821

■ 24.3738, -4.6694,
-14.3911

■ 41.1904, 1.7748,
8.0577

■ 23.0935, -4.0379,
-16.7949

■ 43.1715, 3.2661,
10.1010

■ 21.9041, -3.1050,
-19.1924

■ 45.1927, 4.8529,
12.1148

■ 20.8704, -2.1573,
-21.4292

■ 47.2513, 6.5257,
14.1017

■ 49.3451, 8.2763,
16.0645

Harmonies

Analogous

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



31.9955, -5.6415, -0.9459



31.9948, -3.8166, -2.6940



31.9955, -1.3764, -3.2207

Triad

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



31.9955, -3.8171, -2.6935



31.9955, 3.2837, 2.0556



31.9955, -4.3748, 5.3443

Complementary

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



31.9948, -3.8166, -2.6940



31.7651, 1.0267, 5.7842

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.



31.9955, -2.0400, 6.0177



31.9948, -3.8166, -2.6940



31.9955, 2.4233, 4.2145

Square

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



31.9955, -3.8171, -2.6935



31.9955, 2.7725, -0.3578



31.9955, 0.4553, 5.6206



31.9955, -5.9565, 3.7077

Rectangle

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



31.9948, -3.8166, -2.6940



31.9955, 0.2845, -2.7777



31.9955, 0.4553, 5.6206



31.9955, -3.6547, 5.6848

Sweetspot

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



31.9955, -3.8171, -2.6935



45.7903, -3.3653, 0.7888



33.8527, -9.2034, 5.0185



22.6653, -1.6959, 0.3319



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



31.9955, -3.8171, -2.6935



41.3067, -5.4831, -4.9817



29.3037, 0.6607, -6.3260



17.3752, -1.4311, -0.0059



23.9666, -2.1990, -25.2092



53.1337, -2.3875, -61.2585

Inverse Universe

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



30.1235, 6.4424, -1.2550



38.3392, 11.0698, -2.5269



34.4390, -3.4606, 8.4253



16.9477, 0.8217, 0.2697



20.2074, 36.8598, -4.4148



45.9596, 83.4968, -7.4300

Previews

White Background



This preview shows how the HunterLab color 31.9948, -3.8166, -2.6940 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 31.9948, -3.8166, -2.6940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

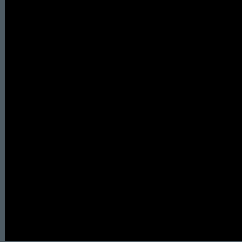
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

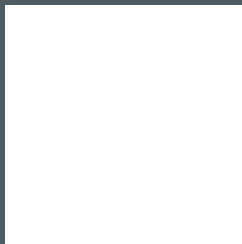
Any Text WCAG AAA × Fail

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

HunterLab 31.9948, -3.8166, -2.6940 Background



This preview shows how black text looks on a background with the HunterLab color 31.9948, -3.8166, -2.6940.



This preview shows how white text looks on a background with the HunterLab color 31.9948, -3.8166, -2.6940.

-2.6940.

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

31.9948, -3.8166, -2.6940

Protanopia

31.8598, -0.3060, -1.8775

Deuteranopia

32.0916, 1.9913, -2.9370



Tritanopia

31.9647, -3.9835, -2.2687

Trichromacy



Original Color

31.9948, -3.8166, -2.6940

Protanomaly

31.8504, -1.6306, -2.3765

Deuteranomaly

31.9503, 0.1851, -3.1564

Tritanomaly

31.9647, -3.9835, -2.2687

Monochromacy



Original Color

31.9948, -3.8166, -2.6940

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.6764, -2.5861, 0.0900

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.9948, -3.8166, -2.6940 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(79, 92, 100)` looks like.

```
.text, #text, p{  
    color:rgb(79, 92, 100)  
}
```

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(79, 92, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 92, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 31.9948, -3.8166, -2.6940 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(79, 92, 100) }
```


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

```
.border{ border-color:rgb(79, 92, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 92, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 92, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 92, 100);  
box-shadow:4px 4px 4px 4px rgb(79, 92,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.9948, -3.8166, -2.6940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 92, 100) }
```

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

```
.background{ background-color: rgb(79, 92,  
100) }
```

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