

Converting Colors

HunterLab(38.3389, -7.2306,
7.1792)

Have a look what the booklet for
HunterLab(38.3389, -7.2306, 7.1792)
contains.

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Color

HunterLab(38.3006, -7.1299,
7.0828)

Conversions

Conversions Part 1

Format	Color
Hex	646E5E
RGB	100, 110, 94
RGB Percent	39%, 43%, 37%
CMY	0.6078, 0.5686, 0.6314
CMYK	0.09, 0.00, 0.15, 0.57
HSL	98°, 8%, 40%
HSV	98°, 15%, 43%
XYZ	12.8519, 14.6694, 12.7438
YIQ	105.1860, -0.8240, -7.0960

Conversions

Conversions Part 2

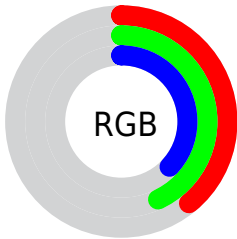
Format	Color
R_{YB}	94, 110, 104
Decimal	6581854
CIE Lab	45.18, -7.07, 7.65
CIE LCh	45, 10.413, 132.732
Yxy	14.6700, 0.3192, 0.3643
Android (android.graphics.Color)	4284771934 (0xFF646E5E)
YUV	105.1860, -5.5147, -4.5481
Hunter-Lab	38.3006, -7.1299, 7.0828

Details

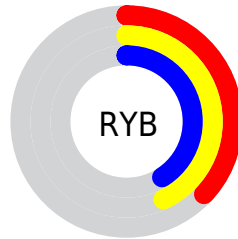
The HunterLab color $38.3006, -7.1299, 7.0828$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $34.7486, 3.5381, -3.6979$, and the grayscale version is $37.6767, -2.0103, 2.0470$.

A 20% lighter version of the original color is $58.6801, -9.2521, 9.3367$, and $21.0132, -5.1361, 4.9683$ is the 20% darker color. If you saturate the color by 10%, you get $37.5642, -10.3094, 10.0494$, and if you desaturate by 10%, it is $39.1031, -3.7253, 3.7654$.

Distribution



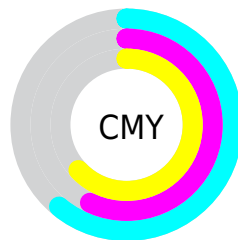
- Red (39%)
- Green (43%)
- Blue (37%)



- Red (37%)
- Yellow (43%)
- Blue (41%)



- Cyan (9%)
- Magenta (0%)
- Yellow (15%)
- Black (57%)



- Cyan (61%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.3006, -7.1299, 7.0828 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 38.3006, -7.1299, 7.0828 by changing the saturation by 10% instead.

■ 38.3006, -7.1299,
7.0828

■ 38.3006, -7.1299,
7.0828

148.7817,
-16.0695, 16.3087

■ 29.3055, -6.1917,
6.1009

■ 58.5433, -9.0235,
9.0505

■ 21.1507, -5.2470,
5.1060

■ 69.6874, -9.9853,
10.0458

■ 13.9349, -4.2808,
4.0781

■ 81.4606, -10.9605,
11.0528

■ 7.5719, -4.4709,
4.5996

■ 93.8310, -11.9503,
12.0733

0.0000, NaN, NaN

0.0000, NaN, NaN

106.7710,
-12.9556, 13.1085

0.0000, NaN, NaN

120.2565,

0.0000, NaN, NaN

-13.9771, 14.1591

0.0000, NaN, NaN

134.2664,
-15.0150, 15.2257

■ 38.3006, -7.1299,
7.0828

■ 38.3006, -7.1299,
7.0828

■ 37.5642, -10.3094,
10.0494

■ 39.1031, -3.7253,
3.7654

■ 36.8926, -13.2430,
12.6481

■ 39.9678, -0.1120,
0.1144

■ 36.2873, -15.9151,
14.8679

■ 40.8937, 3.6893,
-3.8490

■ 35.7487, -18.3120,
16.7028

■ 41.8788, 7.6596,
-8.1030

■ 35.2762, -20.4239,
18.1534

■ 42.9209, 11.7801,
-12.6253

■ 34.8688, -22.2455,
19.2286

■ 44.0179, 16.0333,
-17.3938

■ 34.5247, -23.7775,
19.9470

■ 45.1675, 20.4029,
-22.3874

■ 34.2394, -25.0366,
20.3616

■ 46.3673, 24.8740,
-27.5857

■ 34.1012, -25.6509,
20.5639

■ 47.6151, 29.4331,
-32.9696

Harmonies

Analogous

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



38.3014, -3.7276, 8.5621



38.3006, -7.1299, 7.0828



38.3014, -9.1233, 4.1956

Triad

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



38.3014, -7.1308, 7.0833



38.3014, -4.3042, -5.5882



38.3014, 5.7562, 3.6639

Complementary

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



38.3006, -7.1299, 7.0828



34.7486, 3.5381, -3.6979

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.



38.3014, 5.5862, -0.1533



38.3006, -7.1299, 7.0828



38.3014, -0.3343, -5.7681

Square

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



38.3014, -7.1308, 7.0833



38.3014, -7.5379, -3.2247



38.3014, 3.3193, -3.6937



38.3014, 3.7745, 6.7286

Rectangle

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



38.3006, -7.1299, 7.0828



38.3014, -9.4359, 1.7342



38.3014, 3.3193, -3.6937



38.3014, 5.9511, 2.4323

Sweetspot

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



38.3014, -7.1308, 7.0833



51.8675, -4.7315, 4.7860



37.4133, -1.5974, 6.2438



24.9884, -2.4185, 2.4439



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



38.3014, -7.1308, 7.0833



50.4635, -10.7060, 10.5782



37.9134, -8.4500, 5.9582



19.5410, -2.6613, 2.6696



37.3542, -28.2027, 22.5237



83.0960, -64.0989, 50.0812

Inverse Universe

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



34.7486, 3.5381, -3.6979



44.8345, 6.2084, -6.5248



35.2227, 4.9890, -2.1539



18.4228, 0.6938, -0.7179



16.8665, 36.9025, -51.2569



36.9687, 81.5331, -117.3737

Previews

White Background



This preview shows how the HunterLab color 38.3006, -7.1299, 7.0828 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 38.3006, -7.1299, 7.0828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

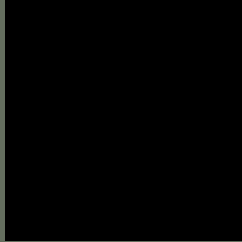
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

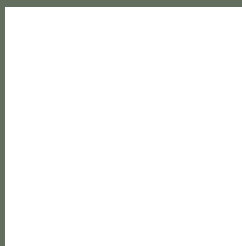
Any Text WCAG AAA × Fail

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

HunterLab 38.3006, -7.1299, 7.0828 Background



This preview shows how black text looks on a background with the HunterLab color 38.3006, -7.1299, 7.0828.



This preview shows how white text looks on a background with the HunterLab color 38.3006, -7.1299, 7.0828.

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

38.3006, -7.1299, 7.0828

Protanopia

38.1124, -2.2144, 7.6945

Deuteranopia

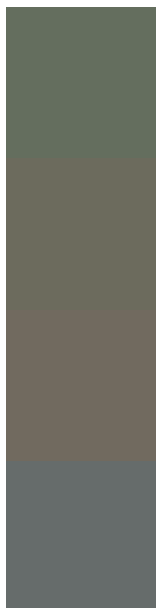
38.1990, 2.3150, 6.7745



Tritanopia

38.2580, -1.8851, -1.5948

Trichromacy



Original Color

38.3006, -7.1299, 7.0828

Protanomaly

38.0708, -3.7126, 7.2661

Deuteranomaly

38.2688, -1.5309, 6.7807

Tritanomaly

38.2249, -3.8714, 1.9108

Monochromacy



Original Color

38.3006, -7.1299, 7.0828

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.8663, -4.0409, 3.9846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3006, -7.1299, 7.0828 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(100, 110, 94)` looks like.

```
.text, #text, p{  
    color:rgb(100, 110, 94)  
}
```

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(100, 110, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 110, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3006, -7.1299, 7.0828 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(100, 110, 94) }
```


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

```
.border{ border-color:rgb(100, 110, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 110, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 110, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 110, 94);  
box-shadow:4px 4px 4px 4px rgb(100, 110,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.3006, -7.1299, 7.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 110, 94) }
```

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

```
.background{ background-color: rgb(100,  
110, 94) }
```

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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