

Converting Colors

HunterLab(30.1198, -3.8985,
0.8683)

Have a look what the booklet for
HunterLab(30.1198, -3.8985, 0.8683)
contains.

HunterLab(30.2063, -3.9884, 0.8446)	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(30.2063, -3.9884,
0.8446)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5757
RGB	78, 87, 87
RGB Percent	31%, 34%, 34%
CMY	0.6941, 0.6588, 0.6588
CMYK	0.10, 0.00, 0.00, 0.66
HSL	180°, 5%, 32%
HSV	180°, 10%, 34%
XYZ	8.2704, 9.1242, 10.3421
YIQ	84.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

Format	Color
RYB	78, 83, 87
Decimal	5134167
CIELab	36.22, -3.53, -1.21
CIELCh	36, 3.736, 198.956
Yxy	9.1246, 0.2982, 0.3290
Android (android.graphics.Color)	4283324247 (0xFF4E5757)
YUV	84.3090, 1.3267, -5.5330
Hunter-Lab	30.2063, -3.9884, 0.8446

Details

The HunterLab color **30.2063, -3.9884, 0.8446** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **28.3290, 1.0232, 2.3881**, and the grayscale version is **29.8850, -1.5946, 1.6237**.

A 20% lighter version of the original color is **49.2031, -5.5193, 1.7034**, and **14.7077, -2.6117, 0.1868** is the 20% darker color. If you saturate the color by 10%, you get **29.6329, -6.0516, 0.1129**, and if you desaturate by 10%, it is **30.8492, -1.7289, 1.6484**.

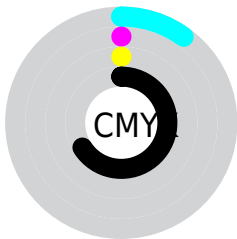
Distribution



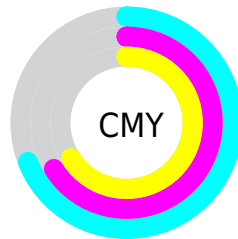
- Red (31%)
- Green (34%)
- Blue (34%)



- Red (31%)
- Yellow (33%)
- Blue (34%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (66%)



- Cyan (69%)
- Magenta (66%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2063, -3.9884, 0.8446 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 30.2063, -3.9884, 0.8446 by changing the saturation by 10% instead.

■ 30.2063, -3.9884,
0.8446

■ 30.2063, -3.9884,
0.8446

■ 135.7588,
-11.2107, 6.0820

■ 21.9603, -3.3010,
0.4745

■ 49.1278, -5.4299,
1.7378

■ 14.6408, -2.6298,
0.1639

■ 59.6765, -6.1854,
2.2505

■ 8.3002, -2.2983,
-0.1543

■ 70.8879, -6.9648,
2.8028

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.7249, -7.7678,
3.3922

0.0000, NaN, NaN

■ 95.1560, -8.5943,
4.0165

0.0000, NaN, NaN

108.1541, -9.4439,

0.0000, NaN, NaN

121.6953,
-10.3161, 5.3629

■ 30.2063, -3.9884,
0.8446

■ 30.2063, -3.9884,
0.8446

■ 29.6329, -6.0516,
0.1129

■ 30.8492, -1.7289,
1.6484

■ 29.1278, -7.9016,
-0.5429

■ 31.5584, 0.7118,
2.5170

■ 28.6918, -9.5262,
-1.1183

■ 32.3327, 3.3151,
3.4449

■ 28.3244, -10.9166,
-1.6102

■ 33.1700, 6.0631,
4.4258

■ 28.0239, -12.0684,
-2.0172

■ 34.0680, 8.9383,
5.4539

■ 27.7880, -12.9825,
-2.3399

■ 35.0240, 11.9242,
6.5232

■ 27.6130, -13.6658,
-2.5809

■ 36.0355, 15.0053,
7.6284

■ 27.4934, -14.1359,
-2.7464

■ 37.0997, 18.1678,
8.7648

■ 27.3946, -14.5259,
-2.8836

■ 38.2141, 21.3992,
9.9280

Harmonies

Analogous

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



30.2069, -4.0772, 2.1055



30.2063, -3.9884, 0.8446



30.2069, -3.2707, -0.2443

Triad

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



30.2069, -3.9890, 0.8451



30.2069, 0.3353, 0.0065



30.2069, -1.1230, 3.9309

Complementary

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



30.2063, -3.9884, 0.8446



28.3290, 1.0232, 2.3881

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.



30.2069, 0.0805, 3.4183



30.2063, -3.9884, 0.8446



30.2069, 0.9320, 1.1755

Square

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



30.2069, -3.9890, 0.8451



30.2069, -0.7800, -0.7427



30.2069, 0.8380, 2.4222



30.2069, -2.4378, 3.8510

Rectangle

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



30.2063, -3.9884, 0.8446



30.2069, -2.5242, -0.7101



30.2069, 0.8380, 2.4222



30.2069, -0.6916, 3.8231

Sweetspot

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



30.2069, -3.9890, 0.8451



40.0594, -3.0950, 1.8558



29.9881, -5.2307, 4.1362



19.7607, -1.6205, 0.8840



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



30.2069, -3.9890, 0.8451



39.2996, -5.7822, 0.9011



29.0537, -2.1300, -0.5361



15.3686, -1.8492, 0.4903



34.0581, -18.0593, -3.5849



80.7223, -42.8034, -8.4955

Inverse Universe

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



28.3290, 1.0232, 2.3881



36.3696, 2.0415, 3.3098



29.4349, -0.8765, 3.6037



14.5595, 0.3095, 1.1549



17.6976, 30.3078, 11.4342



41.9455, 71.8331, 27.1027

Previews

White Background



This preview shows how the HunterLab color 30.2063, -3.9884, 0.8446 looks on a white background.

Color Contrast Check

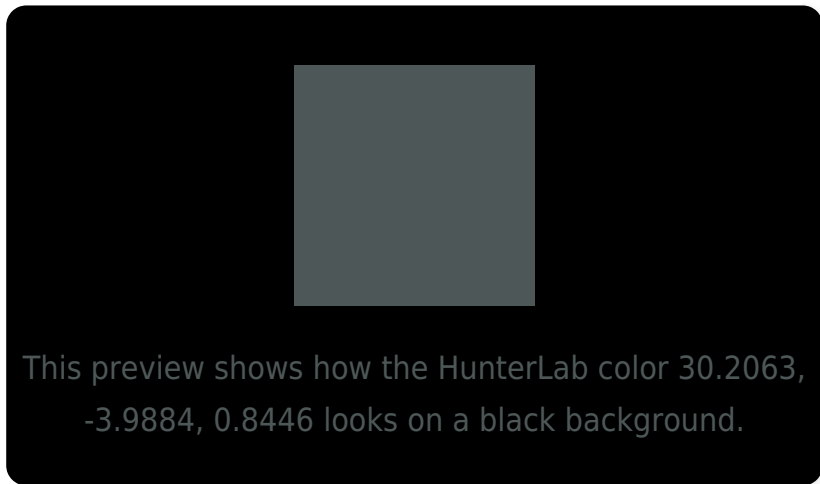
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

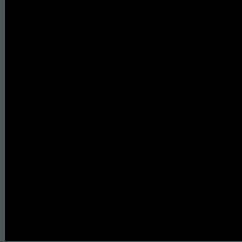
Any Text WCAG AA × Fail

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 30.2063, -3.9884, 0.8446 Background



This preview shows how black text looks on a background with the HunterLab color 30.2063, -3.9884, 0.8446.



This preview shows how white text looks on a background with the HunterLab color 30.2063, -3.9884,

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

30.2063, -3.9884, 0.8446

Protanopia

30.2445, -1.1921, 1.3565

Deuteranopia

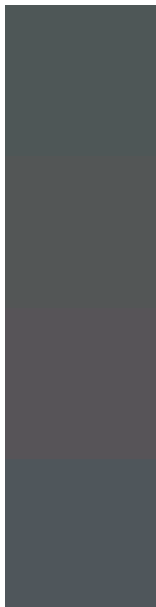
30.0241, 2.1085, 0.3058



Tritanopia

30.1797, -2.3749, -1.7899

Trichromacy



Original Color

30.2063, -3.9884, 0.8446

Protanomaly

30.2762, -2.4287, 1.3724

Deuteranomaly

30.1189, -0.1857, 0.3813

Tritanomaly

30.1217, -2.6945, -0.9681

Monochromacy



Original Color

30.2063, -3.9884, 0.8446

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.9111, -2.4075, 1.3531

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2063, -3.9884, 0.8446 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(78, 87, 87)` looks like.

```
.text, #text, p{  
    color:rgb(78, 87, 87)  
}
```

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(78, 87, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 87, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2063, -3.9884, 0.8446 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(78, 87, 87) }
```


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

```
.border{ border-color:rgb(78, 87, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 87, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 87, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 87, 87);  
box-shadow:4px 4px 4px 4px rgb(78, 87, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2063, -3.9884, 0.8446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 87, 87) }
```

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

```
.background{ background-color: rgb(78, 87,  
87) }
```

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