

Converting Colors

HunterLab(30.9980, -0.5179,
0.9173)

Have a look what the booklet for
HunterLab(30.9980, -0.5179, 0.9173)
contains.

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Color

**HunterLab(31.0830, -0.8090,
1.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	595759
RGB	89, 87, 89
RGB Percent	35%, 34%, 35%
CMY	0.6510, 0.6588, 0.6510
CMYK	0.00, 0.02, 0.00, 0.65
HSL	300°, 1%, 35%
HSV	300°, 2%, 35%
XYZ	9.3312, 9.6615, 10.8243
YIQ	87.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

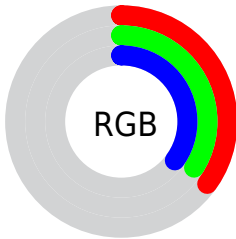
Format	Color
R_{YB}	89, 87, 89
Decimal	5855065
CIE Lab	37.23, 1.23, -0.88
CIE LCh	37, 1.508, 324.460
Yxy	9.6619, 0.3129, 0.3240
Android (android.graphics.Color)	4284045145 (0xFF595759)
YUV	87.8260, 0.5788, 1.0296
Hunter-Lab	31.0830, -0.8090, 1.1111

Details

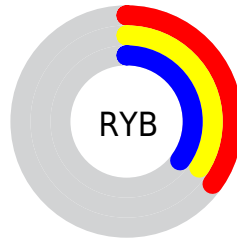
The HunterLab color **31.0830, -0.8090, 1.1111** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **31.3997, -2.5157, 2.2774**, and the grayscale version is **31.1735, -1.6633, 1.6937**.

A 20% lighter version of the original color is **50.2438, -1.7623, 2.1052**, and **15.4054, -0.0628, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **28.8245, 3.1532, -1.6241**, and if you desaturate by 10%, it is **33.4561, -4.6768, 3.7842**.

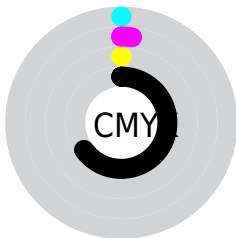
Distribution



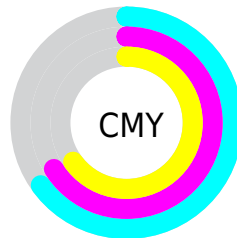
- Red (35%)
- Green (34%)
- Blue (35%)



- Red (35%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (65%)



- Cyan (65%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0830, -0.8090, 1.1111 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 31.0830, -0.8090, 1.1111 by changing the saturation by 10% instead.

■ 31.0830, -0.8090,
1.1111

■ 31.0830, -0.8090,
1.1111

■ 137.2013, -5.9377,
6.5219

■ 22.7495, -0.4477,
0.7142

■ 50.1574, -1.6829,
2.0513

■ 15.3315, -0.1447,
0.3734

■ 60.7747, -2.1846,
2.5849

■ 8.9458, 0.1198,
0.0809

■ 72.0506, -2.7253,
3.1570

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.9487, -3.3025,
3.7651

0.0000, NaN, NaN

■ 96.4380, -3.9139,
4.4072

0.0000, NaN, NaN

109.4917, -4.5580,

0.0000, NaN, NaN

5.0817

0.0000, NaN, NaN

123.0863, -5.2330,
5.7870

■ 31.0830, -0.8090,
1.1111

■ 31.0830, -0.8090,
1.1111

■ 28.8245, 3.1532,
-1.6241

■ 33.4561, -4.6768,
3.7842

■ 26.6952, 7.2020,
-4.4159

■ 35.9279, -8.4483,
6.3936

■ 24.7157, 11.3097,
-7.2450

■ 38.4874, -12.1301,
8.9436

■ 22.9088, 15.4228,
-10.0747

■ 41.1251, -15.7306,
11.4396

■ 21.3001, 19.4506,
-12.8429

■ 43.8328, -19.2592,
13.8881

■ 19.9163, 23.2576,
-15.4567

■ 46.6040, -22.7252,
16.2952

■ 18.7823, 26.6654,
-17.7946

■ 49.4328, -26.1375,
18.6667

■ 17.9162, 29.4757,
-19.7214

■ 52.3146, -29.5038,
21.0079

■ 17.3060, 31.5798,
-21.1633

■ 55.2453, -32.8314,
23.3237

Harmonies

Analogous

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



31.0837, -1.2286, 0.7782



31.0830, -0.8090, 1.1111



31.0837, -0.6187, 1.5963

Triad

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



31.0837, -0.8097, 1.1116



31.0837, -1.5598, 2.6603



31.0837, -2.6009, 1.2797

Complementary

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



31.0830, -0.8090, 1.1111



31.3997, -2.5157, 2.2774

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.



31.0837, -2.6882, 1.7873



31.0830, -0.8090, 1.1111



31.0837, -2.0895, 2.5788

Square

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



31.0837, -0.8097, 1.1116



31.0837, -1.0536, 2.4860



31.0837, -2.5016, 2.2613



31.0837, -2.2622, 0.8764

Rectangle

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



31.0830, -0.8090, 1.1111



31.0837, -0.6471, 1.9379



31.0837, -2.5016, 2.2613



31.0837, -2.6605, 1.4440

Sweetspot

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



31.0837, -0.8097, 1.1116



40.9940, -1.6785, 1.8813



30.9264, -1.3539, 0.9135



20.6490, -0.8699, 0.9642



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



31.0837, -0.8097, 1.1116



40.3684, -0.6233, 1.1523



31.0568, -0.9561, 1.4941



15.2545, -0.1577, 0.3825



20.4833, 40.2708, -27.0161



48.5481, 95.4472, -64.0319

Inverse Universe

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



31.0837, -0.8097, 1.1116



40.3684, -0.6233, 1.1523



31.4258, -2.3716, 1.9036



15.2545, -0.1577, 0.3825



20.4833, 40.2708, -27.0161



48.5481, 95.4472, -64.0319

Previews

White Background



This preview shows how the HunterLab color 31.0830, -0.8090, 1.1111 looks on a white background.

Color Contrast Check

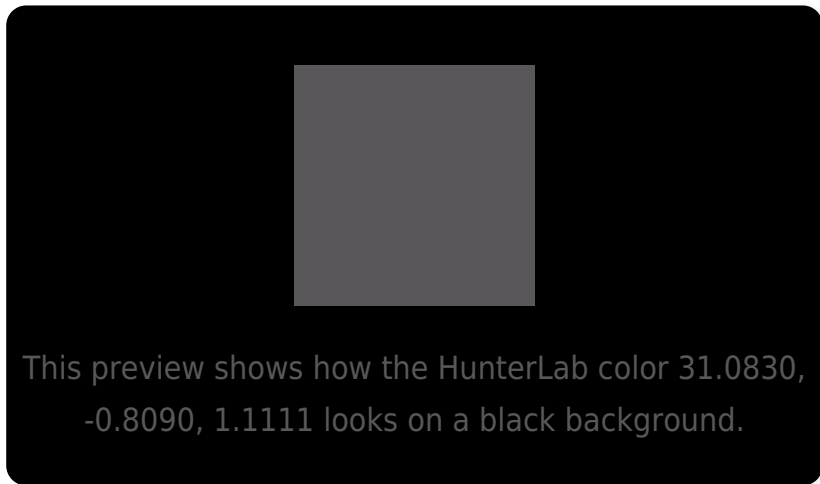
Large Text (above 18pt) WCAG AA ✓ Pass

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

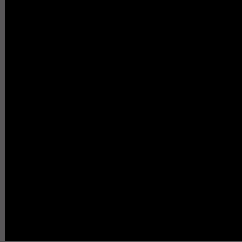
Any Text WCAG AA × Fail

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 31.0830, -0.8090, 1.1111 Background



This preview shows how black text looks on a background with the HunterLab color 31.0830, -0.8090, 1.1111.



This preview shows how white text looks on a background with the HunterLab color 31.0830, -0.8090,

1.1111.

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

31.0830, -0.8090, 1.1111

Protanopia

31.0830, -0.8090, 1.1111

Deuteranopia

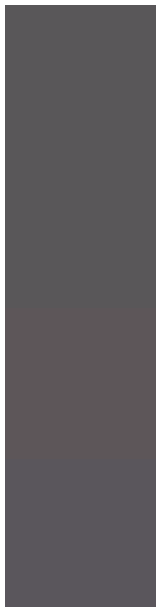
31.0663, 1.7758, 1.1364



Tritanopia

31.0154, 0.5127, -0.6762

Trichromacy



Original Color

31.0830, -0.8090, 1.1111

Protanomaly

31.0830, -0.8090, 1.1111

Deuteranomaly

31.1512, 0.7531, 1.2200

Tritanomaly

30.9870, 0.3591, -0.2731

Monochromacy



Original Color

31.0830, -0.8090, 1.1111

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.2390, -1.6668, 1.6973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0830, -0.8090, 1.1111 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(89, 87, 89)` looks like.

```
.text, #text, p{  
    color:rgb(89, 87, 89)  
}
```

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(89, 87, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 87, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0830, -0.8090, 1.1111 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(89, 87, 89) }
```


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

```
.border{ border-color:rgb(89, 87, 89) }
```

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

Here you see how a box with a 4 pixel rgb(89, 87, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 87, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 87, 89);  
box-shadow:4px 4px 4px 4px rgb(89, 87, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.0830, -0.8090, 1.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 87, 89) }
```

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

```
.background{ background-color: rgb(89, 87,  
89) }
```

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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