

Converting Colors

HunterLab(18.1065, -0.7045,
4.8594)

Have a look what the booklet for
HunterLab(18.1065, -0.7045, 4.8594)
contains.

| | |
|--|----|
| HunterLab(18.0788, -0.6581, 4.8337) | 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(18.0788, -0.6581,
4.8337)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 383227 |
| RGB | 56, 50, 39 |
| RGB Percent | 22%, 20%, 15% |
| CMY | 0.7804, 0.8039, 0.8471 |
| CMYK | 0.00, 0.11, 0.30, 0.78 |
| HSL | 39°, 18%, 19% |
| HSV | 39°, 30%, 22% |
| XYZ | 3.1377, 3.2684, 2.3849 |
| YIQ | 50.5400, 7.1070, -2.1490 |

Conversions

Conversions Part 2

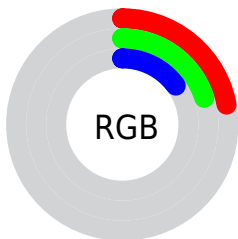
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 48, 56, 39 |
| Decimal | 3682855 |
| CIE Lab | 21.09, 0.53, 7.99 |
| CIE LCh | 21, 8.005, 86.193 |
| Yxy | 3.2686, 0.3569, 0.3718 |
| Android (android.graphics.Color) | 4281872935 (0xFF383227) |
| YUV | 50.5400, -5.6892, 4.7884 |
| Hunter-Lab | 18.0788, -0.6581, 4.8337 |

Details

The HunterLab color **18.0788, -0.6581, 4.8337** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.1045, -0.5966, -3.8612**, and the grayscale version is **18.0575, -0.9635, 0.9811**.

A 20% lighter version of the original color is **34.4810, -1.4477, 6.7994**, and **3.4168, 0.9530, 2.1221** is the 20% darker color. If you saturate the color by 10%, you get **17.5180, -0.4034, 5.8176**, and if you desaturate by 10%, it is **18.6578, -0.8515, 3.7204**.

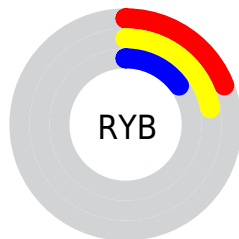
Distribution



Red (22%)

Green (20%)

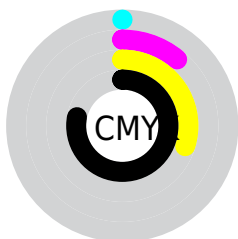
Blue (15%)



Red (19%)

Yellow (22%)

Blue (15%)

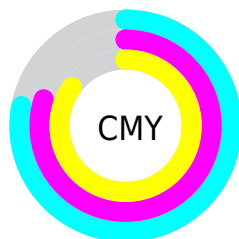


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0788, -0.6581, 4.8337 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 18.0788, -0.6581, 4.8337 by changing the saturation by 10% instead.

■ 18.0788, -0.6581,
4.8337

■ 18.0788, -0.6581,
4.8337

■ 114.6765, -5.5581,
14.0462

■ 11.2850, -0.3401,
3.8106

■ 34.5256, -1.4637,
6.8768

■ 3.4720, 0.4816,
2.4304

■ 43.9835, -1.9370,
7.8792

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.1753, -2.4518,
8.8826

0.0000, NaN, NaN

■ 65.0515, -3.0050,
9.8923

0.0000, NaN, NaN

■ 76.5716, -3.5942,
10.9116

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.7013, -4.2172,

11.9427

0.0000, NaN, NaN

101.4114, -4.8723,
12.9872

18.0788, -0.6581,
4.8337

18.0788, -0.6581,
4.8337

17.5180, -0.4034,
5.8176

18.6578, -0.8515,
3.7204

16.9750, -0.0837,
6.6649

19.2530, -0.9842,
2.4837

16.4508, 0.3020,
7.3699

19.8642, -1.0594,
1.1308

15.9463, 0.7547,
7.9279

20.4905, -1.0799,
-0.3315

15.4619, 1.2741,
8.3358

21.1314, -1.0483,
-1.8967

■ 14.9938, 1.8357,
8.6580

■ 21.7860, -0.9673,
-3.5584

■ 14.5502, 2.3737,
9.0073

■ 22.4539, -0.8397,
-5.3105

■ 23.1343, -0.6681,
-7.1475

■ 23.8268, -0.4548,
-9.0641

Harmonies

Analogous

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



18.0792, 1.6701, 4.2603



18.0788, -0.6581, 4.8337



18.0792, -2.9547, 4.4918

Triad

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



18.0792, -0.6587, 4.8339



18.0792, -4.9170, -1.0594



18.0792, 3.0243, -1.6284

Complementary

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



18.0788, -0.6581, 4.8337



16.1045, -0.5966, -3.8612

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.



18.0792, 1.1134, -3.4071



18.0788, -0.6581, 4.8337



18.0792, -3.4585, -3.0497

Square

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



18.0792, -0.6587, 4.8339



18.0792, -5.3371, 1.2727



18.0792, -1.2705, -3.9582



18.0792, 3.8652, 0.6906

Rectangle

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



18.0788, -0.6581, 4.8337



18.0792, -4.1721, 3.7629



18.0792, -1.2705, -3.9582



18.0792, 2.4811, -2.3205

Sweetspot

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



18.0792, -0.6587, 4.8339



25.3890, -1.3061, 3.1126



15.7578, 4.5333, 0.3592



13.5689, -0.6951, 1.7221



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



18.0792, -0.6587, 4.8339



23.2198, -0.6229, 7.3411



19.3695, -3.6010, 5.9968



10.5141, -0.5448, 1.2044



23.3131, 4.9786, 14.4526



58.6755, 15.8540, 36.4331

Inverse Universe

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



16.1045, -0.5966, -3.8612



20.0118, -0.4904, -6.8456



14.8779, 2.3320, -5.7014



10.2133, -0.5396, -0.1119



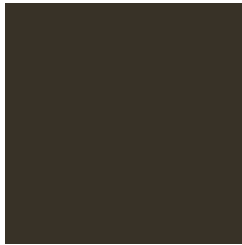
13.5037, 8.7563, -35.7809



32.3909, 28.7689, -102.5895

Previews

White Background



This preview shows how the HunterLab color 18.0788, -0.6581, 4.8337 looks on a white background.

Color Contrast Check

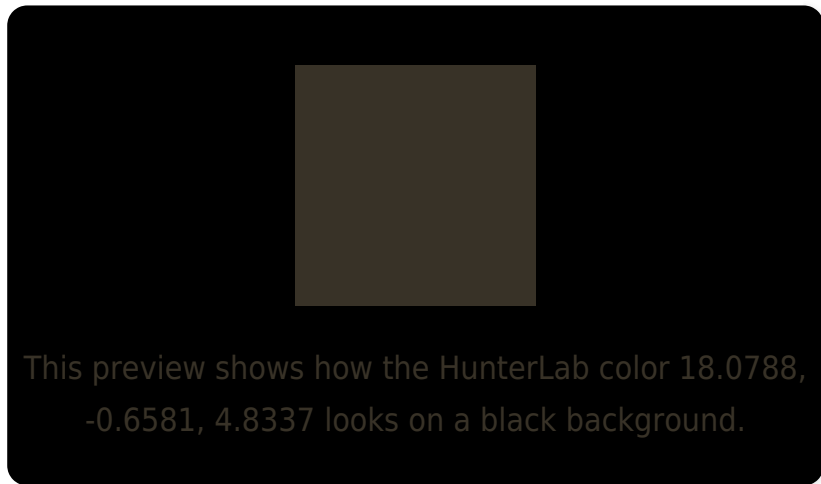
Large Text (above 18pt) WCAG AA ✓ Pass

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

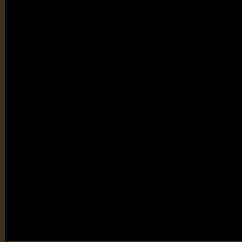
Any Text WCAG AA × Fail

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 18.0788, -0.6581, 4.8337 Background



This preview shows how black text looks on a background with the HunterLab color 18.0788, -0.6581, 4.8337.



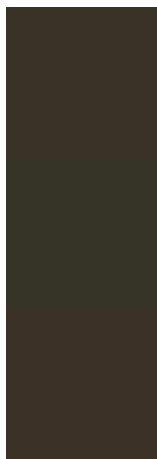
This preview shows how white text looks on a background with the HunterLab color 18.0788, -0.6581,

4.8337.

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

18.0788, -0.6581, 4.8337

Protanopia

18.1615, -1.5959, 4.8969

Deuteranopia

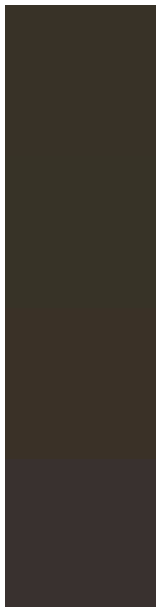
18.0912, 0.5862, 4.8674



Tritanopia

18.0593, 2.2168, 0.5008

Trichromacy



Original Color

18.0788, -0.6581, 4.8337

Protanomaly

18.2383, -1.3267, 4.9753

Deuteranomaly

18.0074, 0.3011, 4.7814

Tritanomaly

18.0879, 0.8998, 2.3461

Monochromacy



Original Color

18.0788, -0.6581, 4.8337

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.2477, -0.9720, 2.4890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0788, -0.6581, 4.8337 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(56, 50, 39)` looks like.

```
.text, #text, p{  
    color:rgb(56, 50, 39)  
}
```

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(56, 50, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 50, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0788, -0.6581, 4.8337 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(56, 50, 39) }
```


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

```
.border{ border-color:rgb(56, 50, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 50, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 50, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 50, 39);  
box-shadow:4px 4px 4px 4px rgb(56, 50, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0788, -0.6581, 4.8337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 50, 39) }
```

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

```
.background{ background-color: rgb(56, 50,  
39) }
```

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