

Converting Colors

HunterLab(18.0584, -2.3431,
6.2256)

Have a look what the booklet for
HunterLab(18.0584, -2.3431, 6.2256)
contains.

HunterLab(18.0001, -2.3378, 6.0658)	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(18.0001, -2.3378,
6.0658)**

Conversions

Conversions Part 1

Format	Color
Hex	353322
RGB	53, 51, 34
RGB Percent	21%, 20%, 13%
CMY	0.7922, 0.8000, 0.8667
CMYK	0.00, 0.04, 0.36, 0.79
HSL	54°, 22%, 17%
HSV	54°, 36%, 21%
XYZ	2.9408, 3.2400, 1.9838
YIQ	49.6600, 6.6490, -4.8630

Conversions

Conversions Part 2

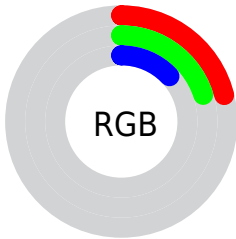
Format	Color
RYB	36, 53, 34
Decimal	3486498
CIELab	20.98, -2.43, 11.13
CIELCh	21, 11.396, 102.325
Yxy	3.2402, 0.3602, 0.3968
Android (android.graphics.Color)	4281676578 (0xFF353322)
YUV	49.6600, -7.7204, 2.9292
Hunter-Lab	18.0001, -2.3378, 6.0658

Details

The HunterLab color **18.0001, -2.3378, 6.0658** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.6339, 1.4504, -6.2207**, and the grayscale version is **17.7695, -0.9481, 0.9654**.

A 20% lighter version of the original color is **34.3639, -3.4899, 8.6779**, and **3.2946, -2.8251, 1.9806** is the 20% darker color. If you saturate the color by 10%, you get **17.7862, -2.5641, 7.1045**, and if you desaturate by 10%, it is **18.2268, -2.0490, 4.8664**.

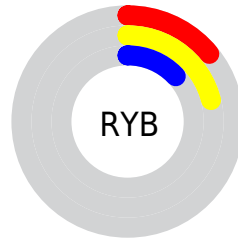
Distribution



Red (21%)

Green (20%)

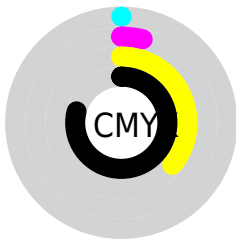
Blue (13%)



Red (14%)

Yellow (21%)

Blue (13%)

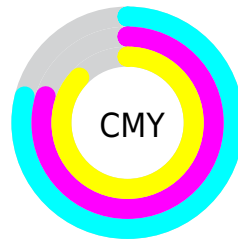


Cyan (0%)

Magenta (4%)

Yellow (36%)

Black (79%)



Cyan (79%)

Magenta (80%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0001, -2.3378, 6.0658 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 18.0001, -2.3378, 6.0658 by changing the saturation by 10% instead.

■ 18.0001, -2.3378,
6.0658

■ 18.0001, -2.3378,
6.0658

■ 114.5308, -8.6965,
16.9501

■ 11.2177, -1.7686,
4.9702

■ 34.4279, -3.5572,
8.6061

■ 3.2959, -3.3922,
2.3071

■ 43.8776, -4.2094,
9.8163

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.0618, -4.8900,
11.0092

0.0000, NaN, NaN

■ 64.9309, -5.5984,
12.1940

0.0000, NaN, NaN

■ 76.4442, -6.3340,
13.3769

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.5675, -7.0960,

14.5620

0.0000, NaN, NaN

101.2715, -7.8837,
15.7523

18.0001, -2.3378,
6.0658

18.0001, -2.3378,
6.0658

17.7862, -2.5641,
7.1045

18.2268, -2.0490,
4.8664

17.5838, -2.7267,
7.9826

18.4653, -1.6959,
3.5060

17.3930, -2.8274,
8.7025

18.7161, -1.2794,
1.9865

17.2134, -2.8679,
9.2682

18.9790, -0.8003,
0.3104

17.0435, -2.8572,
9.7028

19.2540, -0.2597,
-1.5191

■ 16.8750, -2.8411,
10.1266

■ 19.5412, 0.3411,
-3.4980

■ 16.8051, -2.8352,
10.3056

■ 19.8403, 1.0006,
-5.6220

■ 20.1511, 1.7169,
-7.8861

■ 20.4736, 2.4882,
-10.2852

Harmonies

Analogous

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



18.0005, 1.0707, 5.9629



18.0001, -2.3378, 6.0658



18.0005, -5.1629, 5.0046

Triad

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



18.0005, -2.3384, 6.0660



18.0005, -5.5526, -3.7408



18.0005, 5.7141, -1.0165

Complementary

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



18.0001, -2.3378, 6.0658



13.6339, 1.4504, -6.2207

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.



18.0005, 3.6646, -4.2624



18.0001, -2.3378, 6.0658



18.0005, -2.9072, -6.0253

Square

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



18.0005, -2.3384, 6.0660



18.0005, -6.9239, -0.4016



18.0005, 0.4582, -6.2322



18.0005, 5.8950, 2.2597

Rectangle

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



18.0001, -2.3378, 6.0658



18.0005, -6.4026, 3.6402



18.0005, 0.4582, -6.2322



18.0005, 5.2142, -2.1610

Sweetspot

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



18.0005, -2.3384, 6.0660



23.9590, -1.9672, 3.7069



14.2467, 4.6625, 1.8417



12.9750, -1.0728, 2.0341



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



18.0005, -2.3384, 6.0660



22.9641, -3.2909, 9.0820



17.9889, -4.9286, 6.0103



9.8993, -0.7329, 1.2478



28.0241, -4.4396, 17.1906



72.9903, -10.7823, 44.7875

Inverse Universe

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



13.6339, 1.4504, -6.2207



15.9543, 2.9174, -10.9506



13.7055, 3.8927, -6.0573



9.3564, -0.2747, -0.2482



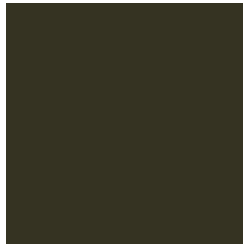
9.6398, 18.6011, -52.2034



23.6676, 55.0757, -148.4751

Previews

White Background



This preview shows how the HunterLab color 18.0001, -2.3378, 6.0658 looks on a white background.

Color Contrast Check

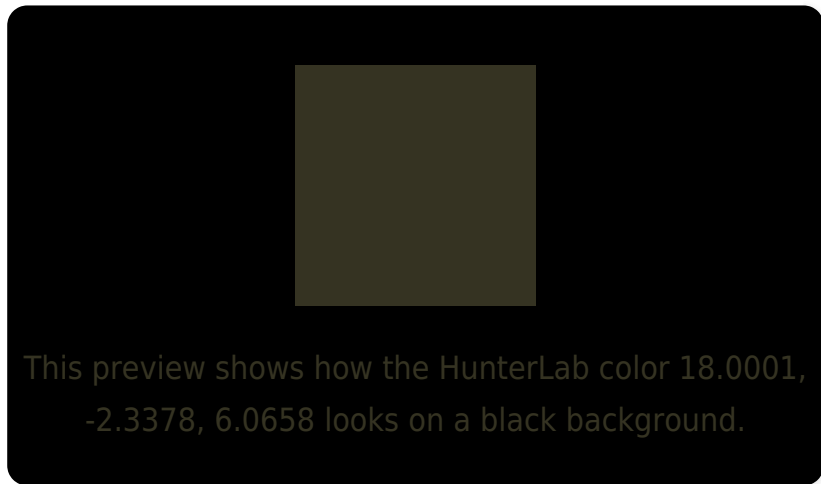
Large Text (above 18pt) WCAG AA ✓ Pass

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

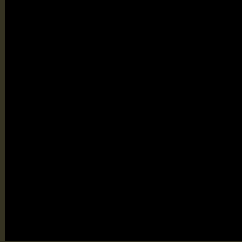
Any Text WCAG AA × Fail

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 18.0001, -2.3378, 6.0658 Background



This preview shows how black text looks on a background with the HunterLab color 18.0001, -2.3378, 6.0658.

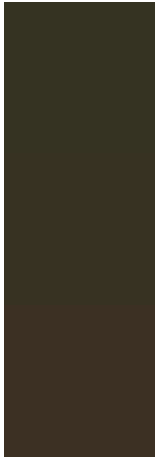


This preview shows how white text looks on a background with the HunterLab color 18.0001, -2.3378, 6.0658.

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

18.0001, -2.3378, 6.0658

Protanopia

17.9135, -1.4062, 6.0046

Deuteranopia

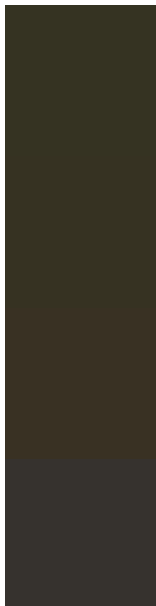
17.8771, 0.9042, 5.7580



Tritanopia

18.0718, 1.1320, 0.1053

Trichromacy



Original Color

18.0001, -2.3378, 6.0658

Protanomaly

17.8353, -1.6808, 5.9297

Deuteranomaly

17.8545, -0.3629, 5.7152

Tritanomaly

18.0630, -0.4318, 2.6386

Monochromacy



Original Color

18.0001, -2.3378, 6.0658

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.7957, -1.4474, 3.0012

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0001, -2.3378, 6.0658 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(53, 51, 34)` looks like.

```
.text, #text, p{  
    color:rgb(53, 51, 34)  
}
```

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(53, 51, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 51, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0001, -2.3378, 6.0658 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(53, 51, 34) }
```


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

```
.border{ border-color:rgb(53, 51, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 51, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 51, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 51, 34);  
box-shadow:4px 4px 4px 4px rgb(53, 51, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0001, -2.3378, 6.0658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 51, 34) }
```

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

```
.background{ background-color: rgb(53, 51,  
34) }
```

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