

Converting Colors

HunterLab(17.5187, -2.8376,
5.8757)

Have a look what the booklet for
HunterLab(17.5187, -2.8376, 5.8757)
contains.

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Color

**HunterLab(17.5189, -2.8369,
5.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	323221
RGB	50, 50, 33
RGB Percent	20%, 20%, 13%
CMY	0.8039, 0.8039, 0.8706
CMYK	0.00, 0.00, 0.34, 0.80
HSL	60°, 20%, 16%
HSV	60°, 34%, 20%
XYZ	2.7305, 3.0691, 1.8873
YIQ	48.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

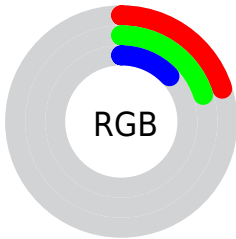
Format	Color
RYB	33, 50, 33
Decimal	3289633
CIELab	20.32, -3.41, 10.86
CIELCh	20, 11.383, 107.446
Yxy	3.0693, 0.3552, 0.3993
Android (android.graphics.Color)	4281479713 (0xFF323221)
YUV	48.0620, -7.4256, 1.6996
Hunter-Lab	17.5189, -2.8369, 5.8759

Details

The HunterLab color **17.5189, -2.8369, 5.8759** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.8117, 1.9180, -6.0376**, and the grayscale version is **17.2357, -0.9197, 0.9364**.

A 20% lighter version of the original color is **33.8274, -4.0441, 8.4674**, and **2.0837, -1.7867, 1.2527** is the 20% darker color. If you saturate the color by 10%, you get **17.4450, -3.2533, 6.9587**, and if you desaturate by 10%, it is **17.6051, -2.3592, 4.6312**.

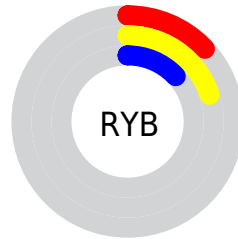
Distribution



Red (20%)

Green (20%)

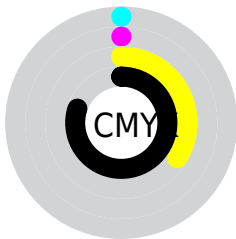
Blue (13%)



Red (13%)

Yellow (20%)

Blue (13%)

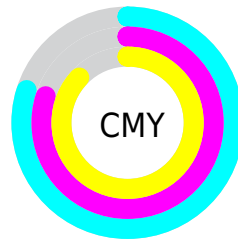


Cyan (0%)

Magenta (0%)

Yellow (34%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5189, -2.8369, 5.8759 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 17.5189, -2.8369, 5.8759 by changing the saturation by 10% instead.

■ 17.5189, -2.8369,
5.8759

■ 17.5189, -2.8369,
5.8759

■ 113.6362, -9.6718,
16.6205

■ 10.8074, -2.1826,
4.9062

■ 33.8296, -4.1935,
8.3795

■ 1.8797, -3.2895,
1.3158

■ 43.2286, -4.9043,
9.5727

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.3658, -5.6389,
10.7496

0.0000, NaN, NaN

■ 64.1909, -6.3977,
11.9191

0.0000, NaN, NaN

■ 75.6627, -7.1807,
13.0875

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.7466, -7.9876,

14.2587

0.0000, NaN, NaN

100.4130, -8.8181,
15.4356

17.5189, -2.8369,
5.8759

17.5189, -2.8369,
5.8759

17.4450, -3.2533,
6.9587

17.6051, -2.3592,
4.6312

17.3819, -3.6082,
7.8824

17.7028, -1.8178,
3.2218

17.3294, -3.9040,
8.6521

17.8126, -1.2128,
1.6469

17.2872, -4.1429,
9.2739

17.9347, -0.5444,
-0.0934

17.2538, -4.3323,
9.7665

18.0693, 0.1871,
-1.9978

■ 17.2220, -4.5129,
10.2366

■ 18.2165, 0.9807,
-4.0644

■ 17.2029, -4.6216,
10.5194

■ 18.3763, 1.8355,
-6.2901

■ 18.5488, 2.7498,
-8.6712

■ 18.7340, 3.7221,
-11.2034

Harmonies

Analogous

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



17.5193, 0.4959, 5.9687



17.5189, -2.8369, 5.8759



17.5193, -5.4604, 4.6329

Triad

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



17.5193, -2.8374, 5.8761



17.5193, -5.1083, -4.2251



17.5193, 5.8525, -0.4406

Complementary

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



17.5189, -2.8369, 5.8759



12.8117, 1.9180, -6.0376

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.



17.5193, 4.1006, -3.7512



17.5189, -2.8369, 5.8759



17.5193, -2.3228, -6.1977

Square

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



17.5193, -2.8374, 5.8761



17.5193, -6.7018, -0.9980



17.5193, 1.0507, -6.0095



17.5193, 5.6885, 2.7037

Rectangle

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



17.5189, -2.8369, 5.8759



17.5193, -6.5302, 3.1581



17.5193, 1.0507, -6.0095



17.5193, 5.4629, -1.5807

Sweetspot

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



17.5193, -2.8374, 5.8761



22.4041, -2.0370, 3.3954



13.6956, 3.8441, 2.2774



12.2940, -1.1304, 1.8959



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.5193, -2.8374, 5.8761



22.0401, -4.0612, 8.6648



16.9497, -4.9164, 5.3251



9.9578, -0.8287, 1.3106



30.5325, -8.2029, 18.6704



80.1298, -21.5284, 48.9987

Inverse Universe

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



12.8117, 1.9180, -6.0376



14.6071, 3.5737, -10.4736



13.4157, 3.8539, -5.0027



9.2992, -0.1778, -0.3188



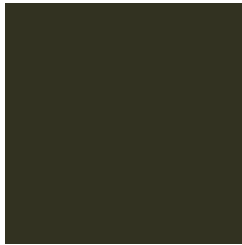
8.5177, 23.1039, -60.5183



22.3537, 60.6338, -158.8285

Previews

White Background



This preview shows how the HunterLab color 17.5189, -2.8369, 5.8759 looks on a white background.

Color Contrast Check

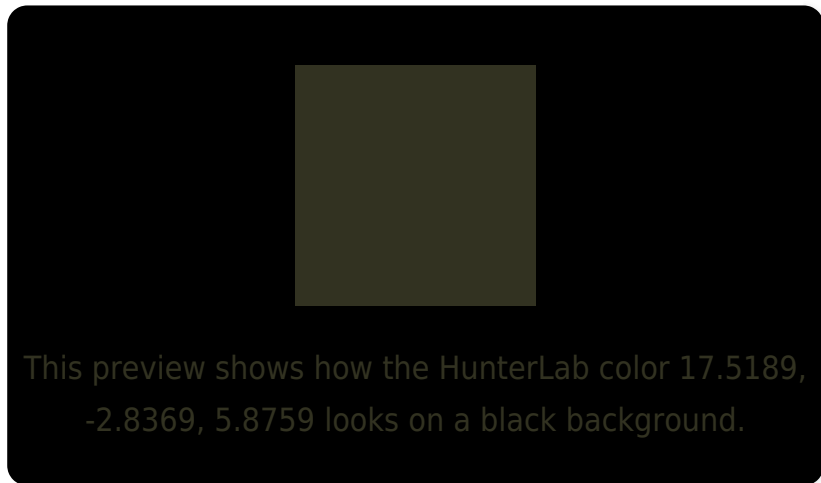
Large Text (above 18pt) WCAG AA ✓ Pass

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

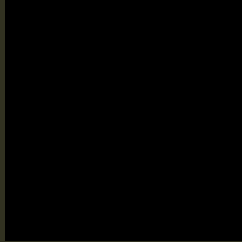
Any Text WCAG AA × Fail

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 17.5189, -2.8369, 5.8759 Background



This preview shows how black text looks on a background with the HunterLab color 17.5189, -2.8369, 5.8759.

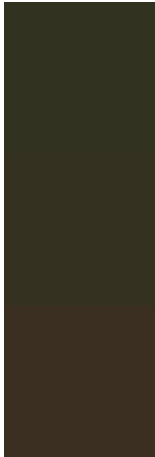


This preview shows how white text looks on a background with the HunterLab color 17.5189, -2.8369,

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

17.5189, -2.8369, 5.8759

Protanopia

17.5023, -1.6545, 5.8817

Deuteranopia

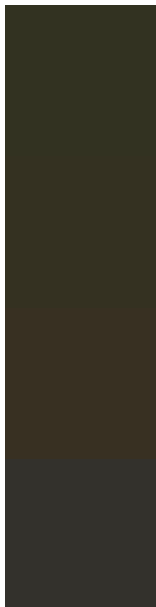
17.5452, 0.9249, 5.7133



Tritanopia

17.5584, 0.4893, 0.2522

Trichromacy



Original Color

17.5189, -2.8369, 5.8759

Protanomaly

17.4255, -1.9253, 5.8082

Deuteranomaly

17.5218, -0.3400, 5.6700

Tritanomaly

17.5564, -1.0540, 2.7525

Monochromacy



Original Color

17.5189, -2.8369, 5.8759

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.3897, -1.6807, 2.8936

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5189, -2.8369, 5.8759 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(50, 50, 33)` looks like.

```
.text, #text, p{  
    color:rgb(50, 50, 33)  
}
```

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(50, 50, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 50, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5189, -2.8369, 5.8759 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(50, 50, 33) }
```


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

```
.border{ border-color:rgb(50, 50, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 50, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 50, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 50, 33);  
box-shadow:4px 4px 4px 4px rgb(50, 50, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.5189, -2.8369, 5.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 50, 33) }
```

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

```
.background{ background-color: rgb(50, 50,  
33) }
```

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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