

# Converting Colors

HunterLab(17.1056, 4.6033,  
-8.2351)

Have a look what the booklet for  
HunterLab(17.1056, 4.6033, -8.2351)  
contains.

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# Color

**HunterLab(17.0954, 4.6369,  
-8.3517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	332C44
RGB	51, 44, 68
RGB Percent	20%, 17%, 27%
CMY	0.8000, 0.8274, 0.7333
CMYK	0.25, 0.35, 0.00, 0.73
HSL	257°, 21%, 22%
HSV	257°, 35%, 27%
XYZ	3.3093, 2.9225, 5.8585
YIQ	48.8290, -3.5320, 8.9480

# Conversions

## Conversions Part 2

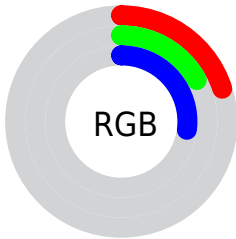
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 44, 68
Decimal	3353668
CIE Lab	19.73, 9.26, -13.90
CIE LCh	20, 16.699, 303.661
Yxy	2.9226, 0.2737, 0.2417
Android (android.graphics.Color)	4281543748 (0xFF332C44)
YUV	48.8290, 9.4513, 1.9040
Hunter-Lab	17.0954, 4.6369, -8.3517

# Details


The HunterLab color **17.0954, 4.6369, -8.3517** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23.0397, -5.8717, 7.9618**, and the grayscale version is **17.4389, -0.9305, 0.9475**.

A 20% lighter version of the original color is **33.4215, 4.7780, -8.6341**, and **3.3660, 7.9800, -15.0004** is the 20% darker color. If you saturate the color by 10%, you get **15.2911, 6.4664, -11.6697**, and if you desaturate by 10%, it is **18.9821, 2.8844, -5.3348**.

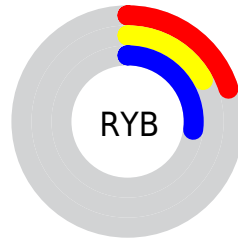
# Distribution



 Red (20%)

 Green (17%)

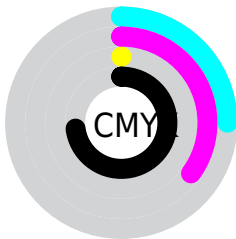
 Blue (27%)




 Red (20%)

 Yellow (17%)

 Blue (27%)

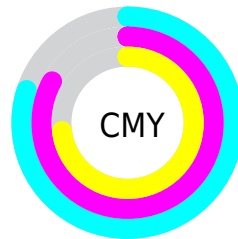


 Cyan (25%)


 Magenta (35%)

 Yellow (0%)

 Black (73%)



 Cyan (80%)

 Magenta (83%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0954, 4.6369, -8.3517 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 17.0954, 4.6369, -8.3517 by changing the saturation by 10% instead.



■ 17.0954, 4.6369,  
-8.3517

■ 17.0954, 4.6369,  
-8.3517

■ 112.8440, 3.9505,  
-8.7875

■ 10.4474, 4.2601,  
-7.9636

■ 33.3014, 5.0069,  
-8.9308

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.6552, 5.0484,  
-9.1030

0.0000, NaN, NaN

■ 52.7505, 5.0133,  
-9.2022

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.5364, 4.9109,  
-9.2342

0.0000, NaN, NaN

■ 74.9712, 4.7484,  
-9.2044

0.0000, NaN, NaN

■ 87.0200, 4.5313,

0.0000, NaN, NaN

-9.1174

99.6529, 4.2641,  
-8.9773

17.0954, 4.6369,  
-8.3517

17.0954, 4.6369,  
-8.3517

15.2911, 6.4664,  
-11.6697

18.9821, 2.8844,  
-5.3348

13.5844, 8.3820,  
-15.3521

20.9379, 1.1975,  
-2.5635

11.9973, 10.3800,  
-19.4526

22.9540, -0.4361,  
0.0104

10.5591, 12.4271,  
-23.9841

25.0231, -2.0271,  
2.4256

9.3078, 14.4291,  
-28.8485

27.1396, -3.5847,  
4.7131

■ 8.1152, 16.8397,  
-34.6607

■ 29.2990, -5.1162,  
6.8974

■ 7.5122, 18.4205,  
-38.2116

■ 31.4975, -6.6278,  
8.9981

■ 33.7320, -8.1242,  
11.0307

■ 35.9999, -9.6096,  
13.0077

# Harmonies

## Analogous

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



17.0957, -0.3065, -10.6669



17.0954, 4.6369, -8.3517



17.0957, 8.3899, -3.5494

# Triad

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



17.0957, 4.6366, -8.3513



17.0957, 3.4773, 7.1779



17.0957, -9.3461, 0.3476

# Complementary

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



17.0954, 4.6369, -8.3517



23.0397, -5.8717, 7.9618

# 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.



17.0957, -8.5730, 4.4528



17.0954, 4.6369, -8.3517



17.0957, -1.5113, 7.6826

# Square

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



17.0957, 4.6366, -8.3513



17.0957, 7.6693, 5.1950



17.0957, -5.8343, 6.8419



17.0957, -8.0782, -4.8286



# Rectangle

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



17.0954, 4.6369, -8.3517



17.0957, 9.5102, -0.0903



17.0957, -5.8343, 6.8419



17.0957, -9.3156, 1.8921

# Sweetspot

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



17.0957, 4.6366, -8.3513



28.6132, 0.7473, -2.0538



20.7649, -4.0027, -2.8902



14.8153, 0.4502, -1.1658



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963



# Same Dimension

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



17.0957, 4.6366, -8.3513



20.5119, 8.1540, -14.6962



18.0804, 7.6649, -6.6585



11.4852, 0.0406, -0.4069



10.5441, 26.2245, -56.4986



25.5788, 64.9289, -147.2252



# Inverse Universe

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



18.3503, 8.0315, -2.8169



22.6405, 13.5806, -4.8431



22.3027, -8.6315, 7.2567



11.6246, 0.4685, 0.1348



17.2078, 31.9397, -8.0343



42.9101, 79.3144, -17.4618



# Previews

## White Background



This preview shows how the HunterLab color 17.0954, 4.6369, -8.3517 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

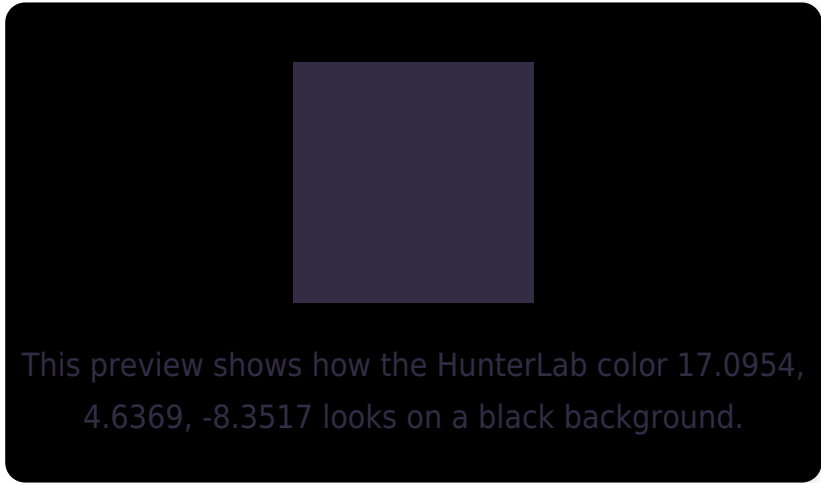
Any Text WCAG AA ✓ Pass

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 17.0954, 4.6369, -8.3517 Background



This preview shows how black text looks on a background with the HunterLab color 17.0954, 4.6369, -8.3517.



This preview shows how white text looks on a background with the HunterLab color 17.0954, 4.6369, -8.3517.

-8.3517.

# 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

17.0954, 4.6369, -8.3517

### Protanopia

17.1066, 1.3368, -9.5184

### Deuteranopia

17.0578, 0.9569, -7.9296



**Tritanopia**

17.0306, -0.1108, -0.4113

# Trichromacy



## Original Color

17.0954, 4.6369, -8.3517

## Protanomaly

17.0855, 2.3818, -8.9683

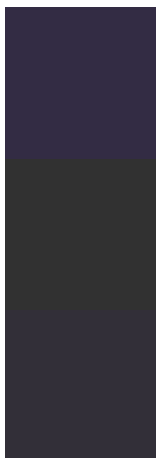
## Deuteranomaly

17.0796, 2.2195, -7.8705

## Tritanomaly

17.0363, 1.4321, -2.9487

# Monochromacy



## Original Color

17.0954, 4.6369, -8.3517

## Achromatopsia

17.5253, -0.9351, 0.9522

## Achromatomaly

17.3109, 1.1117, -2.1279

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 17.0954, 4.6369, -8.3517 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(51, 44, 68)` looks like.

```
.text, #text, p{  
    color:rgb(51, 44, 68)  
}
```

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(51, 44, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 44, 68) }
```

## Border

The CSS property to change the border of an element to HunterLab 17.0954, 4.6369, -8.3517 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(51, 44, 68) }
```



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

```
.border{ border-color:rgb(51, 44, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 44, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 44, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 44, 68);  
box-shadow:4px 4px 4px 4px rgb(51, 44, 68)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 17.0954, 4.6369, -8.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 44, 68) }
```

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

```
.background{ background-color: rgb(51, 44,  
68) }
```

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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