

# Converting Colors

HunterLab(20.1634, -0.3483,  
0.3913)

Have a look what the booklet for  
HunterLab(20.1634, -0.3483, 0.3913)  
contains.

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# Color

**HunterLab(20.1088, -0.1407,  
0.1888)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A383B
RGB	58, 56, 59
RGB Percent	23%, 22%, 23%
CMY	0.7725, 0.7804, 0.7686
CMYK	0.02, 0.05, 0.00, 0.77
HSL	280°, 3%, 23%
HSV	280°, 5%, 23%
XYZ	3.9485, 4.0436, 4.7100
YIQ	56.9400, 0.2290, 1.3570

# Conversions

## Conversions Part 2

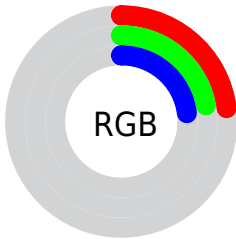
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 56, 59
Decimal	3815483
CIE Lab	23.82, 1.55, -1.56
CIE LCh	24, 2.199, 314.814
Yxy	4.0438, 0.3109, 0.3183
Android (android.graphics.Color)	4282005563 (0xFF3A383B)
YUV	56.9400, 1.0156, 0.9296
Hunter-Lab	20.1088, -0.1407, 0.1888

# Details

The HunterLab color **20.1088, -0.1407, 0.1888** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.6963, -2.0196, 1.9990**, and the grayscale version is **20.2039, -1.0780, 1.0977**.

A 20% lighter version of the original color is **37.0734, -0.9504, 1.0208**, and **6.5565, 0.5623, -0.7457** is the 20% darker color. If you saturate the color by 10%, you get **18.5671, 1.8011, -1.7404**, and if you desaturate by 10%, it is **21.7024, -2.0512, 2.0330**.

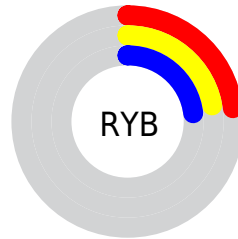
# Distribution



Red (23%)

Green (22%)

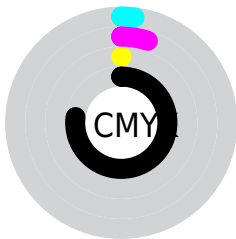
Blue (23%)



Red (23%)

Yellow (22%)

Blue (23%)

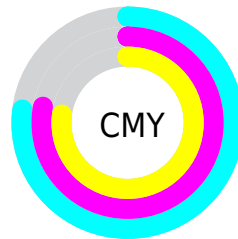


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (77%)



Cyan (77%)

Magenta (78%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1088, -0.1407, 0.1888 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 20.1088, -0.1407, 0.1888 by changing the saturation by 10% instead.



■ 20.1088, -0.1407,  
0.1888

■ 20.1088, -0.1407,  
0.1888

■ 118.3870, -4.6492,  
4.8346

■ 13.0311, 0.1137,  
-0.0802

■ 37.0285, -0.8377,  
0.9141

■ 6.4994, 0.6922,  
-0.6413

■ 46.6921, -1.2633,  
1.3542

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.0750, -1.7336,  
1.8392

0.0000, NaN, NaN

■ 68.1305, -2.2448,  
2.3656

0.0000, NaN, NaN

■ 79.8200, -2.7942,  
2.9305

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.1107, -3.3793,

104.9745, -3.9982,  
4.1669

■ 20.1088, -0.1407,  
0.1888

■ 20.1088, -0.1407,  
0.1888

■ 18.5671, 1.8011,  
-1.7404

■ 21.7024, -2.0512,  
2.0330

■ 17.0830, 3.7768,  
-3.7682

■ 23.3411, -3.9321,  
3.8034

■ 15.6654, 5.7836,  
-5.9061

■ 25.0205, -5.7874,  
5.5113

■ 14.3249, 7.8123,  
-8.1621

■ 26.7369, -7.6210,  
7.1662

■ 13.0743, 9.8423,  
-10.5353

■ 28.4870, -9.4363,  
8.7765

■ 11.9290, 11.8341,  
-13.0075

■ 30.2681, -11.2367,  
10.3493

■ 10.9071, 13.7209,  
-15.5311

■ 32.0779, -13.0252,  
11.8904

■ 10.0233, 15.4165,  
-18.0294

■ 33.9144, -14.8042,  
13.4051

■ 9.1424, 17.3400,  
-20.8965

■ 35.7759, -16.5760,  
14.8975

# Harmonies

## Analogous

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



20.1092, -0.7376, -0.1495



20.1088, -0.1407, 0.1888



20.1092, 0.2076, 0.7650

# Triad

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



20.1092, -0.1412, 0.1891



20.1092, -0.7293, 2.2620



20.1092, -2.3265, 0.7729

# Complementary

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



20.1088, -0.1407, 0.1888



20.6963, -2.0196, 1.9990

# 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.



20.1092, -2.3244, 1.4187



20.1088, -0.1407, 0.1888



20.1092, -1.4083, 2.2639

# Square

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



20.1092, -0.1412, 0.1891



20.1092, -0.1350, 1.9543



20.1092, -1.9902, 1.9598



20.1092, -1.9962, 0.1951



# Rectangle

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



20.1088, -0.1407, 0.1888



20.1092, 0.2498, 1.1990



20.1092, -1.9902, 1.9598



20.1092, -2.3645, 0.9896

# Sweetspot

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



20.1092, -0.1412, 0.1891



26.6326, -0.9262, 0.9693



20.2185, -1.0742, 0.3060



13.8096, -0.5152, 0.5364



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.



20.1092, -0.1412, 0.1891



25.7808, 0.1149, -0.0470



20.1728, 0.0537, 0.4492



11.0613, 0.0134, 0.0150



13.6665, 29.3635, -37.3646



33.9870, 73.6971, -98.1405



# Inverse Universe

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



20.1339, -0.1578, 1.0042



25.8207, 0.0888, 1.2619



20.6366, -2.2088, 1.7614



11.0774, 0.0028, 0.5445



15.8101, 27.7162, 5.2469



39.9998, 69.7357, 16.2750



# Previews

## White Background



This preview shows how the HunterLab color 20.1088, -0.1407, 0.1888 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

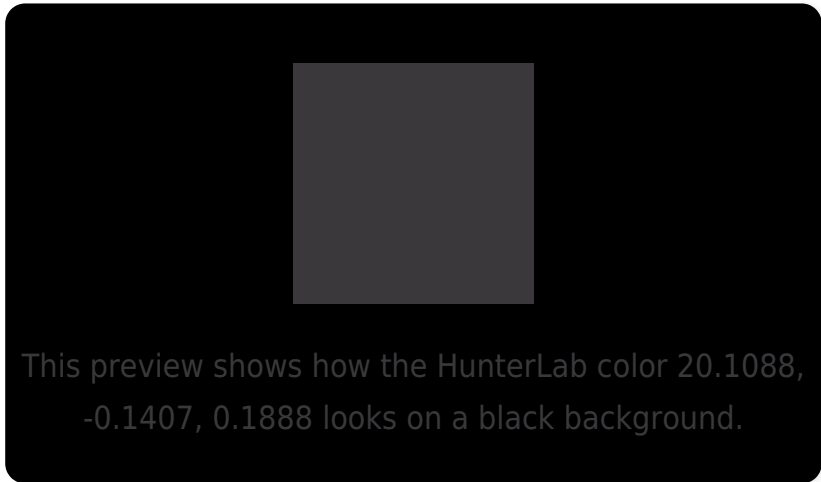
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

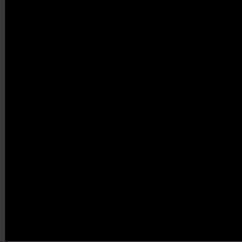
Any Text WCAG AA × Fail

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 20.1088, -0.1407, 0.1888 Background



This preview shows how black text looks on a background with the HunterLab color 20.1088, -0.1407, 0.1888.



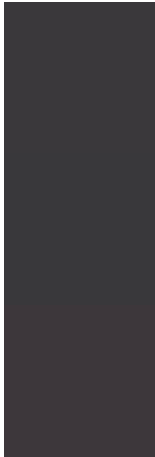
This preview shows how white text looks on a background with the HunterLab color 20.1088, -0.1407,

0.1888.

# 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

20.1088, -0.1407, 0.1888

### Protanopia

20.0349, -0.3950, 0.0937

### Deuteranopia

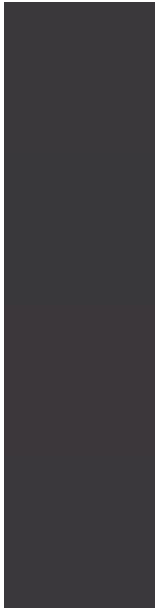
20.1004, 1.0572, 0.1994



## Tritanopia

20.1349, 0.0006, -0.1812

# Trichromacy



## Original Color

20.1088, -0.1407, 0.1888

## Protanomaly

20.0349, -0.3950, 0.0937

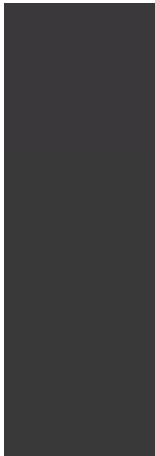
## Deuteranomaly

20.0220, 0.7924, 0.0987

## Tritanomaly

20.1349, 0.0006, -0.1812

# Monochromacy



## Original Color

20.1088, -0.1407, 0.1888

## Achromatopsia

20.2275, -1.0793, 1.0990

## Achromatomaly

20.2524, -0.9429, 0.7440

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 20.1088, -0.1407, 0.1888 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(58, 56, 59)` looks like.

```
.text, #text, p{  
    color:rgb(58, 56, 59)  
}
```

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(58, 56, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 56, 59) }
```

## Border

The CSS property to change the border of an element to HunterLab 20.1088, -0.1407, 0.1888 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(58, 56, 59) }
```



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

```
.border{ border-color:rgb(58, 56, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 56, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 56, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 56, 59);  
box-shadow:4px 4px 4px 4px rgb(58, 56, 59)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 20.1088, -0.1407, 0.1888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 56, 59) }
```

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

```
.background{ background-color: rgb(58, 56,  
59) }
```

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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