

# Converting Colors

HunterLab(55.7331, 30.2336,  
-57.2575)

Have a look what the booklet for  
HunterLab(55.7331, 30.2336,  
-57.2575) contains.

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# Color

**HunterLab(55.8159, 30.1570,  
-56.8416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A385F5
RGB	163, 133, 245
RGB Percent	64%, 52%, 96%
CMY	0.3608, 0.4784, 0.0392
CMYK	0.33, 0.46, 0.00, 0.04
HSL	256°, 85%, 74%
HSV	256°, 46%, 96%
XYZ	39.9732, 31.1541, 90.2927
YIQ	154.7380, -18.0720, 41.1920

# Conversions

## Conversions Part 2

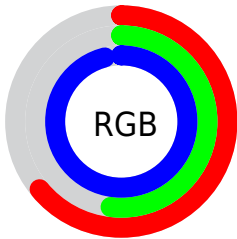
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 133, 245
Decimal	10716661
CIE <sub>Lab</sub>	62.64, 35.66, -52.32
CIE <sub>LCh</sub>	63, 63.312, 304.275
Yxy	31.1553, 0.2476, 0.1930
Android (android.graphics.Color)	4288906741 (0xFFA385F5)
YUV	154.7380, 44.4992, 7.2458
Hunter-Lab	55.8159, 30.1570, -56.8416

# Details

The HunterLab color  $55.8159, 30.1570, -56.8416$  is a light color, and the websafe version is hex  $9999FF$ . A complement of this color would be  $90.2473, -29.5461, 40.5137$ , and the grayscale version is  $56.9767, -3.0401, 3.0957$ .

A 20% lighter version of the original color is  $76.2449, 20.2419, -26.2334$ , and  $35.9766, 27.5088, -55.7574$  is the 20% darker color. If you saturate the color by 10%, you get  $48.4250, 39.0580, -75.2461$ , and if you desaturate by 10%, it is  $63.7916, 21.7424, -40.6021$ .

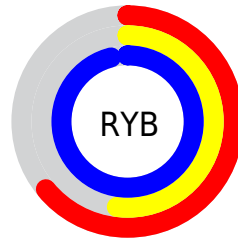
# Distribution



Red (64%)

Green (52%)

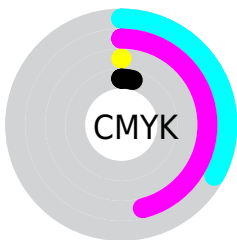
Blue (96%)



Red (64%)

Yellow (52%)

Blue (96%)

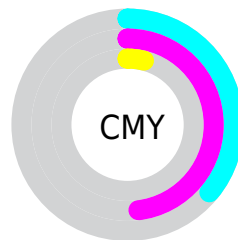


Cyan (33%)

Magenta (46%)

Yellow (0%)

Black (4%)



Cyan (36%)

Magenta (48%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8159, 30.1570, -56.8416 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 55.8159, 30.1570, -56.8416 by changing the saturation by 10% instead.



■ 55.8159, 30.1570,  
-56.8416

■ 55.8159, 30.1570,  
-56.8416

175.2864, 36.5820,  
-63.1929

■ 45.5161, 28.9884,  
-56.2594

■ 78.4121, 32.1666,  
-58.2935

■ 35.9408, 27.6976,  
-55.9177

■ 90.6335, 33.0265,  
-59.0630

■ 27.1509, 26.2761,  
-56.0489

■ 103.4312, 33.8004,  
-59.8256

■ 19.2240, 24.7255,  
-57.1653

116.7803, 34.4948,  
-60.5672

■ 12.2670, 23.0897,  
-60.5959

130.6589, 35.1155,  
-61.2792

■ 5.4046, 29.7346,  
-86.1509

145.0474, 35.6674,

0.0000, INF, -NF

-61.9560

0.0000, NaN, -NF

159.9285, 36.1550,  
-62.5946

0.0000, NaN, -NF

■ 55.8159, 30.1570,  
-56.8416

■ 55.8159, 30.1570,  
-56.8416

■ 48.4250, 39.0580,  
-75.2461

■ 63.7916, 21.7424,  
-40.6021

■ 41.7799, 48.3223,  
-96.0012

■ 72.2323, 13.7864,  
-26.1577

■ 36.1052, 57.4556,  
-118.6061

■ 81.0563, 6.2136,  
-13.1338

■ 31.6732, 65.3003,  
-141.0498

■ 90.2032, -1.0551,  
-1.2172

■ 28.7221, 70.0991,  
-159.3995

■ 99.4671, -7.8251,  
9.6611

■ 27.8173, 71.3369,  
-165.7359

■ 99.6858, -7.0597,  
9.9222

# Harmonies

## Analogous

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



55.8169, 1.0300, -74.3786



55.8159, 30.1570, -56.8416



55.8169, 53.3192, -23.6126

# Triad

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



55.8169, 30.1567, -56.8399



55.8169, 21.9689, 32.0659



55.8169, -46.6533, -0.8574

# Complementary

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



55.8159, 30.1570, -56.8416



90.2473, -29.5461, 40.5137

# 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.



55.8169, -43.1933, 20.8076



55.8159, 30.1570, -56.8416



55.8169, -6.8823, 33.5744

# Square

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



55.8169, 30.1567, -56.8399



55.8169, 47.9841, 24.6457



55.8169, -29.8321, 30.7255



55.8169, -40.4106, -33.5210



# Rectangle

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



55.8159, 30.1570, -56.8416



55.8169, 60.2391, -2.2350



55.8169, -29.8321, 30.7255



55.8169, -46.5758, 7.8425

# Sweetspot

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



55.8169, 30.1567, -56.8399



86.4148, 5.2018, -11.5718



77.6201, -19.7263, -18.5026



39.0359, 3.1802, -6.6474

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.8169, 30.1567, -56.8399



51.1182, 40.3055, -77.5273



61.9742, 47.2019, -43.6307



40.1763, 0.7671, -2.5942



20.5578, 52.4812, -120.6325



6.4790, 15.9132, -33.1592



# Inverse Universe

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



64.1051, 50.1797, -19.0811



62.0457, 63.8125, -23.6619



86.2459, -44.9400, 37.1021



40.8510, 2.8498, -0.1638



34.9909, 65.0262, -16.9490

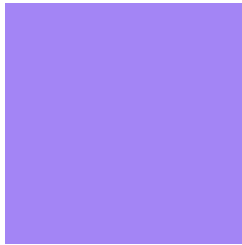


10.4552, 19.5689, -6.1426



# Previews

## White Background



This preview shows how the HunterLab color 55.8159, 30.1570, -56.8416 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

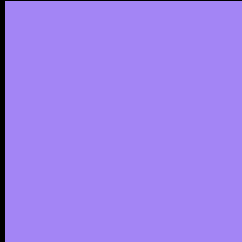
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.8159, 30.1570, -56.8416 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

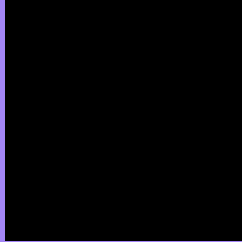
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 55.8159, 30.1570, -56.8416 Background



This preview shows how black text looks on a background with the HunterLab color 55.8159, 30.1570, -56.8416.



This preview shows how white text looks on a background with the HunterLab color 55.8159, 30.1570, -56.8416.

-56.8416.

# 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

55.8159, 30.1570, -56.8416

### Protanopia

56.0928, 11.8911, -65.2280

### Deuteranopia

56.1908, 4.8200, -53.1002



## Tritanopia

55.8997, -2.7205, -2.8545

# Trichromacy



## Original Color

55.8159, 30.1570, -56.8416

## Protanomaly

55.7871, 17.5204, -62.3151

## Deuteranomaly

55.6297, 13.2350, -55.0211

## Tritanomaly

55.4765, 8.1306, -19.5934

# Monochromacy



## Original Color

55.8159, 30.1570, -56.8416

## Achromatopsia

57.2519, -3.0548, 3.1106

## Achromatomaly

56.3626, 7.8126, -15.1810

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.8159, 30.1570, -56.8416 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(163, 133, 245)` looks like.

```
.text, #text, p{  
    color:rgb(163, 133, 245)  
}
```

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(163, 133, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 133, 245) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.8159, 30.1570, -56.8416 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(163, 133, 245) }
```



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

```
.border{ border-color:rgb(163, 133, 245) }
```

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

Here you see how a box with a 4 pixel rgb(163, 133, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 133, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 133, 245);  
box-shadow:4px 4px 4px 4px rgb(163, 133,  
245) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.8159, 30.1570, -56.8416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 133, 245) }
```

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

```
.background{ background-color: rgb(163,  
133, 245) }
```

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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