

Converting Colors

HunterLab(56.1596, 5.1062,
33.0145)

Have a look what the booklet for
HunterLab(56.1596, 5.1062,
33.0145) contains.

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Color

**HunterLab(56.1580, 5.1045,
33.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	C29023
RGB	194, 144, 35
RGB Percent	76%, 56%, 14%
CMY	0.2392, 0.4353, 0.8627
CMYK	0.00, 0.26, 0.82, 0.24
HSL	41°, 69%, 45%
HSV	41°, 82%, 76%
XYZ	32.5248, 31.5372, 5.9631
YIQ	146.5240, 64.7890, -23.2990

Conversions

Conversions Part 2

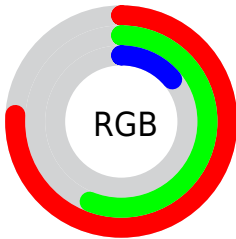
Format	Color
RYB	108, 194, 35
Decimal	12750883
CIELab	62.96, 9.38, 60.18
CIElCh	63, 60.911, 81.137
Yxy	31.5388, 0.4645, 0.4504
Android (android.graphics.Color)	4290940963 (0xFFC29023)
YUV	146.5240, -54.9813, 41.6365
Hunter-Lab	56.1580, 5.1045, 33.0149

Details

The HunterLab color **56.1580, 5.1045, 33.0149** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **32.7858, 17.1000, -71.7966**, and the grayscale version is **54.0212, -2.8824, 2.9351**.

A 20% lighter version of the original color is **78.9850, 4.7830, 41.4930**, and **36.3863, 5.7691, 22.5221** is the 20% darker color. If you saturate the color by 10%, you get **54.4567, 7.6690, 33.1732**, and if you desaturate by 10%, it is **57.9532, 2.8315, 32.1385**.

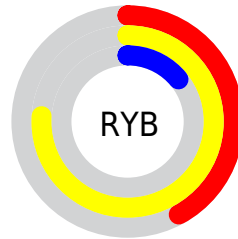
Distribution



Red (76%)

Green (56%)

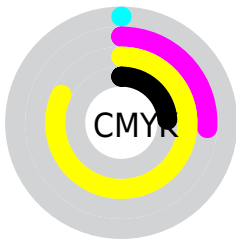
Blue (14%)



Red (42%)

Yellow (76%)

Blue (14%)

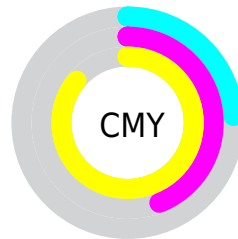


Cyan (0%)

Magenta (26%)

Yellow (82%)

Black (24%)



Cyan (24%)

Magenta (44%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.1580, 5.1045, 33.0149 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 56.1580, 5.1045, 33.0149 by changing the saturation by 10% instead.

■ 56.1580, 5.1045,
33.0149

■ 56.1580, 5.1045,
33.0149

175.7876, 2.2900,
66.3738

■ 45.8361, 5.1528,
28.5221

■ 78.7955, 4.8109,
41.3629

■ 36.2366, 5.1301,
23.7773

■ 91.0359, 4.5829,
45.2756

■ 27.4204, 5.0221,
19.1942

■ 103.8517, 4.3059,
49.0470

■ 19.4643, 4.8121,
13.6250

■ 117.2181, 3.9832,
52.6969

■ 12.4740, 4.4750,
8.7318

■ 131.1134, 3.6180,
56.2419

■ 5.7243, 6.8384,
4.0070

■ 145.5180, 3.2126,

0.0000, NaN, NaN

59.6956

0.0000, NaN, NaN

160.4147, 2.7694,
63.0697

0.0000, NaN, NaN

■ 56.1580, 5.1045,
33.0149

■ 56.1580, 5.1045,
33.0149

■ 54.4567, 7.6690,
33.1732

■ 57.9532, 2.8315,
32.1385

■ 53.1451, 9.8919,
32.9209

■ 59.8389, 0.8814,
30.5030

■ 61.8155, -0.7374,
28.0993

■ 63.8810, -2.0223,
24.9361

■ 66.0327, -2.9767,
21.0350

■ 68.2674, -3.6084,
16.4254

■ 70.5818, -3.9281,
11.1416

■ 72.9726, -3.9488,
5.2205

■ 75.4362, -3.6846,
-1.3000

Harmonies

Analogous

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



56.1594, 32.8387, 29.2807



56.1580, 5.1045, 33.0149



56.1594, -20.2814, 32.1394

Triad

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



56.1594, 5.1017, 33.0154



56.1594, -43.1924, -17.4744



56.1594, 42.6418, -36.8522

Complementary

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



56.1580, 5.1045, 33.0149



32.7858, 17.1000, -71.7966

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.



56.1594, 16.6633, -63.9098



56.1580, 5.1045, 33.0149



56.1594, -31.6286, -49.5687

Square

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



56.1594, 5.1017, 33.0154



56.1594, -45.1338, 10.0498



56.1594, -10.6661, -69.4143



56.1594, 57.0109, -4.9697

Rectangle

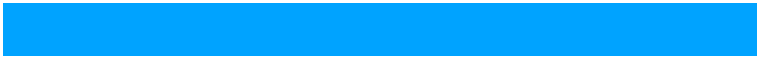
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.1580, 5.1045, 33.0149



56.1594, -32.8464, 28.7444



56.1594, -10.6661, -69.4143



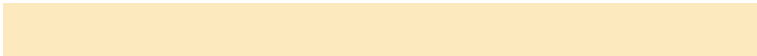
56.1594, 34.7719, -47.3311

Sweetspot

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



56.1594, 5.1017, 33.0154



90.8421, -4.6127, 24.3479



36.5144, 55.8814, 9.4038



42.0066, -2.0144, 12.4314

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.1594, 5.1017, 33.0154



71.6363, 13.1759, 44.2527



68.3286, -27.9302, 40.2347



33.4765, -1.8628, 4.5460



43.2689, 7.6866, 26.7966



9.6322, 0.4336, 5.9429

Inverse Universe

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



32.7858, 17.1000, -71.7966



36.4028, 38.2207, -127.5073



24.8846, 45.8504, -105.4678



32.0208, -1.5122, -1.1905



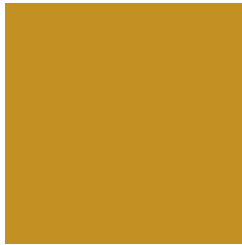
22.1050, 22.4037, -75.9924



5.8049, 1.8270, -11.1997

Previews

White Background



This preview shows how the HunterLab color 56.1580, 5.1045, 33.0149 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 56.1580, 5.1045, 33.0149 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 56.1580, 5.1045, 33.0149 Background



This preview shows how black text looks on a background with the HunterLab color 56.1580, 5.1045, 33.0149.



This preview shows how white text looks on a background with the HunterLab color 56.1580, 5.1045,

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

56.1580, 5.1045, 33.0149

Protanopia

56.2909, -7.3789, 32.7135

Deuteranopia

56.1949, 3.8358, 33.0165



Tritanopia

56.1082, 21.5775, 7.0695

Trichromacy



Original Color

56.1580, 5.1045, 33.0149

Protanomaly

56.2524, -3.0962, 32.8491

Deuteranomaly

56.3113, 4.2262, 33.0985

Tritanomaly

55.8410, 13.7615, 20.7443

Monochromacy



Original Color

56.1580, 5.1045, 33.0149

Achromatopsia

54.0158, -2.8821, 2.9348

Achromatomaly

54.3055, -2.3745, 18.5340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.1580, 5.1045, 33.0149 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(194, 144, 35)` looks like.

```
.text, #text, p{  
    color:rgb(194, 144, 35)  
}
```

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(194, 144, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 144, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 56.1580, 5.1045, 33.0149 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(194, 144, 35) }
```


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

```
.border{ border-color:rgb(194, 144, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 144, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 144, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 144, 35);  
box-shadow:4px 4px 4px 4px rgb(194, 144,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.1580, 5.1045, 33.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 144, 35) }
```

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

```
.background{ background-color: rgb(194,  
144, 35) }
```

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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