

Converting Colors

HunterLab(51.4478, -0.6973,
34.7289)

Have a look what the booklet for
HunterLab(51.4478, -0.6973,
34.7289) contains.

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Color

**HunterLab(51.5820, 0.6036,
31.7951)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8800
RGB	174, 136, 0
RGB Percent	68%, 53%, 0%
CMY	0.3176, 0.4666, 1.0000
CMYK	0.00, 0.22, 1.00, 0.32
HSL	47°, 100%, 34%
HSV	47°, 100%, 68%
XYZ	26.2597, 26.6070, 3.7517
YIQ	131.8580, 66.3040, -34.2400

Conversions

Conversions Part 2

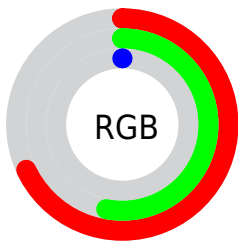
Format	Color
RYB	49, 174, 0
Decimal	11438080
CIELab	58.61, 4.06, 63.55
CIELCh	59, 63.684, 86.345
Yxy	26.6083, 0.4638, 0.4699
Android (android.graphics.Color)	4289628160 (0xFFAE8800)
YUV	131.8580, -65.0060, 36.9585
Hunter-Lab	51.5820, 0.6036, 31.7951

Details

The HunterLab color **51.5820, 0.6036, 31.7951** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **21.0776, 33.6869, -99.0636**, and the grayscale version is **48.2107, -2.5724, 2.6194**.

A 20% lighter version of the original color is **73.7088, -0.0720, 40.7569**, and **32.5550, 1.9400, 20.0942** is the 20% darker color. If you saturate the color by 10%, you get **51.5825, 0.6023, 31.7955**, and if you desaturate by 10%, it is **52.6683, -0.9699, 31.8208**.

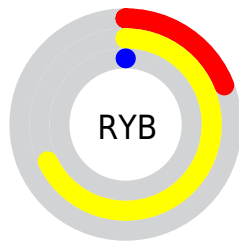
Distribution



Red (68%)

Green (53%)

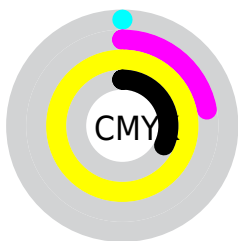
Blue (0%)



Red (19%)

Yellow (68%)

Blue (0%)

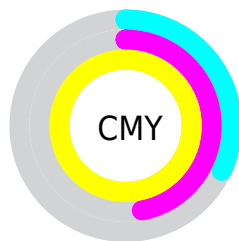


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5820, 0.6036, 31.7951 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 51.5820, 0.6036, 31.7951 by changing the saturation by 10% instead.

■ 51.5820, 0.6036,
31.7951

■ 51.5820, 0.6036,
31.7951

169.0431, -4.0777,
67.3223

■ 41.5684, 0.9092,
26.9721

■ 73.6578, -0.1647,
40.7469

■ 32.3014, 1.1594,
22.2241

■ 85.6393, -0.6142,
44.9301

■ 23.8485, 1.3435,
16.6940

■ 98.2080, -1.1038,
48.9533

■ 16.2973, 1.4488,
11.4081

■ 111.3378, -1.6310,
52.8382

■ 9.7720, 1.4553,
6.8404

■ 125.0055, -2.1937,
56.6031


0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.1908, -2.7901,


60.2638

0.0000, NaN, NaN

 153.8755, -3.4185,
63.8331

0.0000, NaN, NaN


 51.5820, 0.6036,
31.7951


 51.5820, 0.6036,
31.7951


 51.5825, 0.6023,
31.7955

 52.6683, -0.9699,
31.8208

 53.8012, -2.3513,
31.3747

 54.9925, -3.4799,
30.2955

 56.2448, -4.3363,
28.5413

 57.5593, -4.9092,
26.0914

■ 58.9365, -5.1931,
22.9397

■ 60.3760, -5.1871,
19.0916

■ 61.8772, -4.8941,
14.5603

■ 63.4389, -4.3195,
9.3654

Harmonies

Analogous

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



51.5833, 29.3354, 29.3413



51.5820, 0.6036, 31.7951



51.5833, -23.8593, 30.3736

Triad

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



51.5833, 0.6012, 31.7955



51.5833, -41.5672, -24.3153



51.5833, 48.0470, -32.8086

Complementary

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



51.5820, 0.6036, 31.7951



21.0776, 33.6869, -99.0636

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.



51.5833, 22.4042, -64.0833



51.5820, 0.6036, 31.7951



51.5833, -28.5216, -57.6551

Square

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



51.5833, 0.6012, 31.7955



51.5833, -45.0620, 5.8622



51.5833, -6.0277, -74.9500



51.5833, 60.0591, -0.4455

Rectangle

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



51.5820, 0.6036, 31.7951



51.5833, -35.2391, 26.6104



51.5833, -6.0277, -74.9500



51.5833, 40.5076, -44.3302

Sweetspot

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



51.5833, 0.6012, 31.7955



81.2091, -6.9965, 26.0154



30.2593, 52.3378, 15.5212



37.9040, -3.3182, 13.3183



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



51.5833, 0.6012, 31.7955



69.2252, 1.2387, 42.6779



59.0172, -30.7564, 35.8274



30.0482, -2.0187, 4.2470



44.0325, 0.3369, 27.1385



7.8242, -0.7453, 4.8082

Inverse Universe

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



21.0776, 33.6869, -99.0636



27.9053, 46.9880, -136.3129



19.0961, 48.7018, -111.7104



28.3378, -0.9913, -1.2871



18.1554, 28.0168, -83.1728



4.1286, 1.7915, -9.0278

Previews

White Background



This preview shows how the HunterLab color 51.5820, 0.6036, 31.7951 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 51.5820, 0.6036, 31.7951 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 × Fail

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

HunterLab 51.5820, 0.6036, 31.7951 Background



This preview shows how black text looks on a background with the HunterLab color 51.5820, 0.6036, 31.7951.

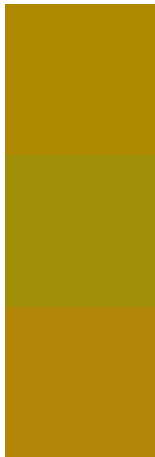


This preview shows how white text looks on a background with the HunterLab color 51.5820, 0.6036,

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

51.5820, 0.6036, 31.7951

Protanopia

51.7054, -7.5789, 31.4645

Deuteranopia

51.6293, 3.5857, 31.5467



Tritanopia

51.5005, 17.1839, 5.2197

Trichromacy



Original Color

51.5820, 0.6036, 31.7951

Protanomaly

51.6330, -4.9145, 31.5651

Deuteranomaly

51.6606, 2.2922, 31.6754

Tritanomaly

51.1061, 8.5809, 21.1808

Monochromacy



Original Color

51.5820, 0.6036, 31.7951

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.5986, -4.1677, 19.6405

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5820, 0.6036, 31.7951 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(174, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 136, 0)  
}
```

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(174, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 136, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5820, 0.6036, 31.7951 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(174, 136, 0) }
```


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

```
.border{ border-color:rgb(174, 136, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 136,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5820, 0.6036, 31.7951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 136, 0) }
```

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

```
.background{ background-color: rgb(174,  
136, 0) }
```

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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