

Converting Colors

HunterLab(58.0435, -5.9256,
34.8311)

Have a look what the booklet for
HunterLab(58.0435, -5.9256,
34.8311) contains.

HunterLab(58.0194, -5.8557, 34.8204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(58.0194, -5.8557,
34.8204)**

Conversions

Conversions Part 1

Format	Color
Hex	B59C17
RGB	181, 156, 23
RGB Percent	71%, 61%, 9%
CMY	0.2902, 0.3882, 0.9098
CMYK	0.00, 0.14, 0.87, 0.29
HSL	51°, 77%, 40%
HSV	51°, 87%, 71%
XYZ	31.0991, 33.6625, 5.6690
YIQ	148.3130, 57.5930, -36.0630

Conversions

Conversions Part 2

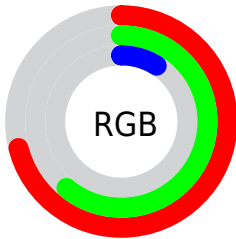
Format	Color
RYB	53, 181, 23
Decimal	11901975
CIELab	64.70, -3.28, 64.45
CIELCh	65, 64.529, 92.914
Yxy	33.6641, 0.4415, 0.4780
Android (android.graphics.Color)	4290092055 (0xFFB59C17)
YUV	148.3130, -61.7793, 28.6665
Hunter-Lab	58.0194, -5.8557, 34.8204

Details

The HunterLab color **58.0194, -5.8557, 34.8204** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **23.7328, 31.8067, -94.0307**, and the grayscale version is **54.7708, -2.9224, 2.9758**.

A 20% lighter version of the original color is **80.8817, -7.1774, 43.7143**, and **37.9318, -3.4934, 23.3123** is the 20% darker color. If you saturate the color by 10%, you get **57.1518, -4.7649, 34.9870**, and if you desaturate by 10%, it is **58.9368, -6.7265, 34.0785**.

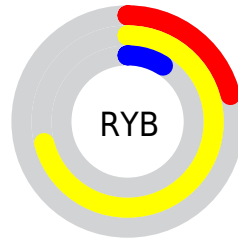
Distribution



Red (71%)

Green (61%)

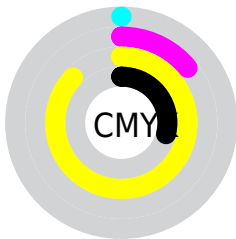
Blue (9%)



Red (21%)

Yellow (71%)

Blue (9%)

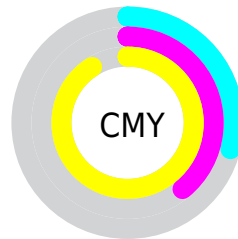


Cyan (0%)

Magenta (14%)

Yellow (87%)

Black (29%)



Cyan (29%)

Magenta (39%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.0194, -5.8557, 34.8204 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 58.0194, -5.8557, 34.8204 by changing the saturation by 10% instead.

■ 58.0194, -5.8557,
34.8204

■ 58.0194, -5.8557,
34.8204

178.5026,
-13.5670, 70.0510

■ 47.5770, -5.1202,
30.0890

■ 80.8771, -7.4077,
43.6331

■ 37.8480, -4.4070,
25.1120

■ 93.2192, -8.2188,
47.7681

■ 28.8910, -3.7178,
20.2237

■ 106.1323, -9.0536,
51.7543

■ 20.7791, -3.0511,
14.5453

■ 119.5919, -9.9117,
55.6117

■ 13.6118, -2.4026,
9.5283

■ 133.5769,
-10.7925, 59.3570

■ 7.2095, -2.3679,
5.0467

■ 148.0682,

0.0000, NaN, NaN

-11.6956, 63.0043

0.0000, NaN, NaN

163.0485,
-12.6206, 66.5655

0.0000, NaN, NaN

■ 58.0194, -5.8557,
34.8204

■ 58.0194, -5.8557,
34.8204

■ 57.1518, -4.7649,
34.9870

■ 58.9368, -6.7265,
34.0785

■ 56.9200, -4.4534,
34.9959

■ 59.9064, -7.3309,
32.6627

■ 60.9330, -7.6510,
30.5253

■ 62.0186, -7.6732,
27.6380

■ 63.1646, -7.3901,
23.9870

■ 64.3717, -6.7983,
19.5696

■ 65.6400, -5.8983,
14.3925

■ 66.9691, -4.6937,
8.4694

■ 68.3586, -3.1903,
1.8197

Harmonies

Analogous

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



58.0208, 24.0133, 33.0360



58.0194, -5.8557, 34.8204



58.0208, -29.9688, 32.0857

Triad

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



58.0208, -5.8581, 34.8208



58.0208, -42.3004, -32.8979



58.0208, 54.1793, -25.9360

Complementary

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



58.0194, -5.8557, 34.8204



23.7328, 31.8067, -94.0307

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.



58.0208, 29.7730, -59.8389



58.0194, -5.8557, 34.8204



58.0208, -25.9967, -65.0408

Square

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



58.0208, -5.8581, 34.8208



58.0208, -48.3030, 0.4456



58.0208, -0.2872, -76.7233



58.0208, 62.3806, 5.7459

Rectangle

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



58.0194, -5.8557, 34.8204



58.0208, -40.6549, 26.6153



58.0208, -0.2872, -76.7233



58.0208, 47.3934, -37.8777

Sweetspot

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



58.0208, -5.8581, 34.8208



86.2892, -9.0112, 25.6373



32.6518, 51.7794, 15.6816



39.8554, -4.3417, 12.9206



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



58.0208, -5.8581, 34.8208



75.9920, -5.6601, 46.7268



61.4203, -32.9965, 36.4864



31.1017, -2.3138, 4.5359



47.3487, -3.8422, 29.1088



8.7561, -1.2541, 5.3735

Inverse Universe

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



23.7328, 31.8067, -94.0307



27.0283, 55.7441, -154.1185



23.3930, 47.5865, -95.5502



29.0519, -0.7844, -1.5129



17.2094, 32.9532, -92.6468



3.9992, 3.0305, -11.5406

Previews

White Background



This preview shows how the HunterLab color 58.0194, -5.8557, 34.8204 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 58.0194, -5.8557, 34.8204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

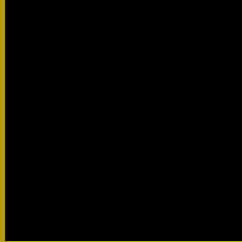
Any Text WCAG AA ✓ Pass

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 58.0194, -5.8557, 34.8204 Background



This preview shows how black text looks on a background with the HunterLab color 58.0194, -5.8557, 34.8204.

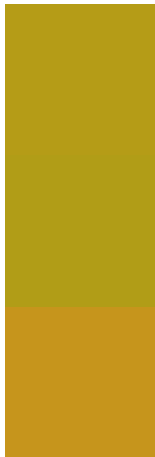


This preview shows how white text looks on a background with the HunterLab color 58.0194, -5.8557,

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

58.0194, -5.8557, 34.8204

Protanopia

57.8990, -7.7768, 34.7108

Deuteranopia

57.9521, 4.0651, 34.6570



Tritanopia

57.9640, 13.6172, 3.7835

Trichromacy



Original Color

58.0194, -5.8557, 34.8204

Protanomaly

58.0007, -7.4152, 34.7813

Deuteranomaly

58.0840, 0.2364, 34.7977

Tritanomaly

57.5694, 4.5120, 20.9416

Monochromacy



Original Color

58.0194, -5.8557, 34.8204

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

55.3047, -6.3724, 20.2103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.0194, -5.8557, 34.8204 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(181, 156, 23)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 23)  
}
```

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(181, 156, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 58.0194, -5.8557, 34.8204 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(181, 156, 23) }
```


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

```
.border{ border-color:rgb(181, 156, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 156, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 156, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 156, 23);  
box-shadow:4px 4px 4px 4px rgb(181, 156,  
23) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.0194, -5.8557, 34.8204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 156, 23) }
```

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

```
.background{ background-color: rgb(181,  
156, 23) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor