

Converting Colors

HunterLab(58.3286, -7.4153,
32.2648)

Have a look what the booklet for
HunterLab(58.3286, -7.4153,
32.2648) contains.

HunterLab(58.3671, -7.2633, 32.2932)	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(58.3671, -7.2633,
32.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	B19E36
RGB	177, 158, 54
RGB Percent	69%, 62%, 21%
CMY	0.3059, 0.3804, 0.7882
CMYK	0.00, 0.11, 0.69, 0.31
HSL	51°, 53%, 45%
HSV	51°, 69%, 69%
XYZ	31.0242, 34.0672, 8.4305
YIQ	151.8250, 44.7080, -28.3160

Conversions

Conversions Part 2

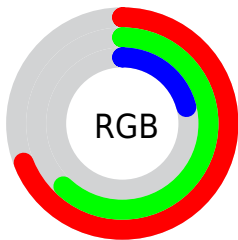
Format	Color
RYB	76, 177, 54
Decimal	11640374
CIELab	65.02, -4.95, 54.44
CIELCh	65, 54.663, 95.191
Yxy	34.0688, 0.4220, 0.4634
Android (android.graphics.Color)	4289830454 (0xFFB19E36)
YUV	151.8250, -48.2277, 22.0785
Hunter-Lab	58.3671, -7.2633, 32.2932

Details

The HunterLab color **58.3671, -7.2633, 32.2932** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **29.5355, 19.8667, -64.9504**, and the grayscale version is **56.1413, -2.9956, 3.0503**.

A 20% lighter version of the original color is **81.1238, -8.9378, 39.6654**, and **38.1842, -5.3834, 23.4347** is the 20% darker color. If you saturate the color by 10%, you get **57.4538, -6.6522, 33.5388**, and if you desaturate by 10%, it is **59.3375, -7.6062, 30.3550**.

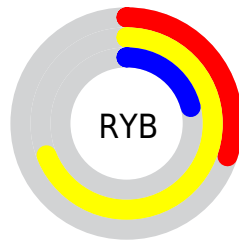
Distribution



Red (69%)

Green (62%)

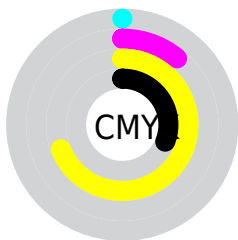
Blue (21%)



Red (30%)

Yellow (69%)

Blue (21%)

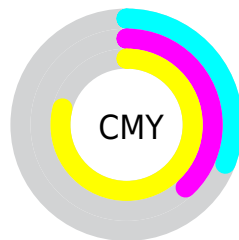


Cyan (0%)

Magenta (11%)

Yellow (69%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3671, -7.2633, 32.2932 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 58.3671, -7.2633, 32.2932 by changing the saturation by 10% instead.

■ 58.3671, -7.2633,
32.2932

■ 58.3671, -7.2633,
32.2932

179.0080,
-15.6329, 62.6615

■ 47.9025, -6.4344,
28.2338

■ 81.2654, -8.9854,
39.8431

■ 38.1497, -5.6207,
23.9378

■ 93.6264, -9.8751,
43.3908

■ 29.1667, -4.8220,
19.5732

■ 106.5573,
-10.7849, 46.8176

■ 21.0262, -4.0337,
14.7184

■ 120.0343,
-11.7148, 50.1413

■ 13.8266, -3.2467,
9.6786

■ 134.0358,
-12.6648, 53.3764

■ 7.4527, -3.2897,
5.2169

■ 148.5431,

0.0000, NaN, NaN

-13.6346, 56.5350

0.0000, NaN, NaN

163.5390,
-14.6240, 59.6272

0.0000, NaN, NaN

■ 58.3671, -7.2633,
32.2932

■ 58.3671, -7.2633,
32.2932

■ 57.4538, -6.6522,
33.5388

■ 59.3375, -7.6062,
30.3550

■ 56.5899, -5.7881,
34.1421

■ 60.3634, -7.6596,
27.6910

■ 55.7668, -4.7311,
34.2528

■ 61.4474, -7.4172,
24.2848

■ 55.7252, -4.6759,
34.2557

■ 62.5906, -6.8748,
20.1312

■ 63.7931, -6.0320,
15.2343

■ 65.0548, -4.8913,
9.6054

■ 66.3753, -3.4578,
3.2619

■ 67.7537, -1.7386,
-3.7745

■ 69.1890, 0.2576,
-11.4786

Harmonies

Analogous

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



58.3685, 17.7047, 30.7570



58.3671, -7.2633, 32.2932



58.3685, -27.5725, 29.0000

Triad

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



58.3685, -7.2656, 32.2937



58.3685, -36.4673, -28.4987



58.3685, 45.3757, -18.5993

Complementary

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



58.3671, -7.2633, 32.2932



29.5355, 19.8667, -64.9504

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.



58.3685, 26.1727, -45.7696



58.3671, -7.2633, 32.2932



58.3685, -21.3765, -52.9300

Square

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



58.3685, -7.2656, 32.2937



58.3685, -42.5855, -0.9686



58.3685, 1.1497, -60.2789



58.3685, 50.7898, 7.0395

Rectangle

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



58.3671, -7.2633, 32.2932



58.3685, -36.6024, 23.2086



58.3685, 1.1497, -60.2789



58.3685, 40.1818, -28.1366

Sweetspot

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



58.3685, -7.2656, 32.2937



85.0659, -8.3137, 21.6875



35.3368, 42.7431, 11.5031



39.3977, -4.0202, 10.9370



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.



58.3685, -7.2656, 32.2937



76.3111, -8.3722, 45.3836



60.7822, -28.4243, 33.5514



31.1105, -2.3283, 4.5453



47.5089, -4.1035, 29.2029



8.7767, -1.2863, 5.3856

Inverse Universe

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



29.5355, 19.8667, -64.9504



32.0990, 39.1599, -117.1352



28.7157, 36.6151, -67.5462



29.0432, -0.7697, -1.5238



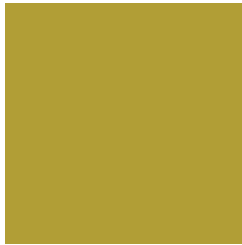
17.1405, 33.2043, -93.1027



3.9731, 3.0954, -11.6481

Previews

White Background



This preview shows how the HunterLab color 58.3671, -7.2633, 32.2932 looks on a white background.

Color Contrast Check

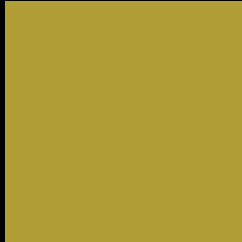
Large Text (above 18pt) WCAG AA × Fail

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 58.3671, -7.2633, 32.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

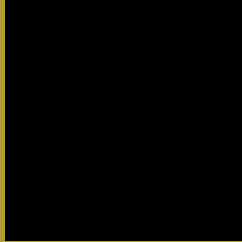
Any Text WCAG AA ✓ Pass

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 58.3671, -7.2633, 32.2932 Background



This preview shows how black text looks on a background with the HunterLab color 58.3671, -7.2633, 32.2932.



This preview shows how white text looks on a background with the HunterLab color 58.3671, -7.2633, 32.2932.

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

58.3671, -7.2633, 32.2932

Protanopia

58.3671, -7.2633, 32.2932

Deuteranopia

58.2910, 4.1605, 32.0542



Tritanopia

58.3072, 10.7908, 2.7638

Trichromacy



Original Color

58.3671, -7.2633, 32.2932

Protanomaly

58.3671, -7.2633, 32.2932

Deuteranomaly

58.3225, -0.0243, 32.1342

Tritanomaly

58.1223, 2.6141, 17.4079

Monochromacy



Original Color

58.3671, -7.2633, 32.2932

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

56.5236, -6.0533, 17.3920

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3671, -7.2633, 32.2932 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(177, 158, 54)` looks like.

```
.text, #text, p{  
    color:rgb(177, 158, 54)  
}
```

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(177, 158, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 158, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3671, -7.2633, 32.2932 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(177, 158, 54) }
```


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

```
.border{ border-color:rgb(177, 158, 54) }
```

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

Here you see how a box with a 4 pixel rgb(177, 158, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 158, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 158, 54);  
box-shadow:4px 4px 4px 4px rgb(177, 158,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3671, -7.2633, 32.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 158, 54) }
```

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

```
.background{ background-color: rgb(177,  
158, 54) }
```

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