

Converting Colors

HunterLab(58.8374, 3.0364,
33.2171)

Have a look what the booklet for
HunterLab(58.8374, 3.0364,
33.2171) contains.

HunterLab(58.7853, 2.8860, 33.2302)	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(58.7853, 2.8860,
33.2302)**

Conversions

Conversions Part 1

Format	Color
Hex	C59832
RGB	197, 152, 50
RGB Percent	77%, 60%, 20%
CMY	0.2275, 0.4039, 0.8039
CMYK	0.00, 0.23, 0.75, 0.23
HSL	42°, 60%, 48%
HSV	42°, 75%, 77%
XYZ	34.8300, 34.5571, 7.8521
YIQ	153.8270, 59.5620, -22.1820

Conversions

Conversions Part 2

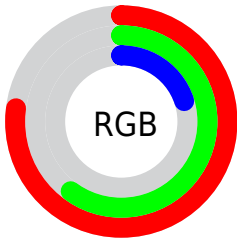
Format	Color
RYB	115, 197, 50
Decimal	12949554
CIELab	65.40, 6.93, 57.10
CIELCh	65, 57.520, 83.085
Yxy	34.5588, 0.4509, 0.4474
Android (android.graphics.Color)	4291139634 (0xFFC59832)
YUV	153.8270, -51.1867, 37.8627
Hunter-Lab	58.7853, 2.8860, 33.2302

Details

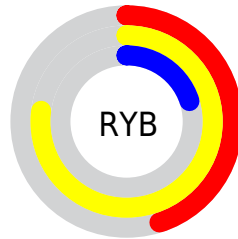
The HunterLab color **58.7853, 2.8860, 33.2302** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **35.9074, 14.1427, -64.8474**, and the grayscale version is **56.9608, -3.0393, 3.0948**.

A 20% lighter version of the original color is **81.4751, 1.4880, 40.8927**, and **38.4660, 3.6889, 23.7671** is the 20% darker color. If you saturate the color by 10%, you get **57.0226, 5.1995, 33.9297**, and if you desaturate by 10%, it is **60.6420, 0.8873, 31.7655**.

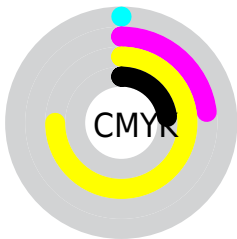
Distribution



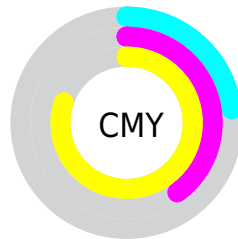
- Red (77%)
- Green (60%)
- Blue (20%)



- Red (45%)
- Yellow (77%)
- Blue (20%)



- Cyan (0%)
- Magenta (23%)
- Yellow (75%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7853, 2.8860, 33.2302 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 58.7853, 2.8860, 33.2302 by changing the saturation by 10% instead.

■ 58.7853, 2.8860,
33.2302

■ 58.7853, 2.8860,
33.2302

179.6153, -0.9431,
64.8403

■ 48.2941, 3.0771,
29.0002

■ 81.7323, 2.3311,
41.1006

■ 38.5128, 3.2076,
24.5288

■ 94.1158, 1.9822,
44.7977

■ 29.4988, 3.2657,
20.0956

■ 107.0683, 1.5895,
48.3671

■ 21.3242, 3.2385,
14.9269

■ 120.5659, 1.1560,
51.8271

■ 14.0859, 3.1067,
9.8601

■ 134.5874, 0.6840,
55.1929

■ 7.7345, 3.4887,
5.4142

■ 149.1138, 0.1757,

0.0000, NaN, NaN

58.4769

0.0000, NaN, NaN

164.1283, -0.3672,
61.6898

0.0000, NaN, NaN

■ 58.7853, 2.8860,
33.2302

■ 58.7853, 2.8860,
33.2302

■ 57.0226, 5.1995,
33.9297

■ 60.6420, 0.8873,
31.7655

■ 55.3478, 7.8079,
33.9153

■ 62.5881, -0.7740,
29.5154

■ 54.4760, 9.2875,
33.7304

■ 64.6234, -2.0955,
26.4832

■ 66.7457, -3.0786,
22.6863

■ 68.9521, -3.7299,
18.1516

■ 71.2395, -4.0592,
12.9118

■ 73.6046, -4.0787,
7.0032

■ 76.0441, -3.8023,
0.4638

■ 78.5546, -3.2445,
-6.6684

Harmonies

Analogous

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



58.7867, 29.3172, 29.6168



58.7853, 2.8860, 33.2302



58.7867, -21.1621, 31.9745

Triad

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



58.7867, 2.8833, 33.2307



58.7867, -41.7996, -18.1921



58.7867, 41.4412, -32.2903

Complementary

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



58.7853, 2.8860, 33.2302



35.9074, 14.1427, -64.8474

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.



58.7867, 17.3547, -57.9400



58.7853, 2.8860, 33.2302



58.7867, -29.7953, -47.6645

Square

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



58.7867, 2.8833, 33.2307



58.7867, -44.3385, 8.5453



58.7867, -8.9299, -64.5213



58.7867, 53.9072, -2.6999

Rectangle

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



58.7853, 2.8860, 33.2302



58.7867, -33.0330, 28.0954



58.7867, -8.9299, -64.5213



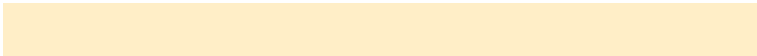
58.7867, 34.2568, -42.0955

Sweetspot

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



58.7867, 2.8833, 33.2307



92.9667, -5.1296, 22.7749



38.7382, 53.4104, 7.6632



42.6263, -2.2949, 11.3817

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.7867, 2.8833, 33.2307



74.7841, 9.2801, 45.4923



69.7956, -27.1826, 39.9681



34.4207, -1.9509, 4.7038



44.3541, 7.2066, 27.4570



10.2726, 0.4403, 6.3377

Inverse Universe

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



35.9074, 14.1427, -64.8474



39.6899, 32.2876, -116.3059



28.0865, 41.5746, -93.4735



32.8758, -1.5159, -1.2613



22.2009, 23.6003, -78.6955



6.0269, 2.2688, -12.4308

Previews

White Background



This preview shows how the HunterLab color 58.7853, 2.8860, 33.2302 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 58.7853, 2.8860, 33.2302 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 58.7853, 2.8860, 33.2302 Background



This preview shows how black text looks on a background with the HunterLab color 58.7853, 2.8860, 33.2302.



This preview shows how white text looks on a background with the HunterLab color 58.7853, 2.8860,

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

58.7853, 2.8860, 33.2302

Protanopia

58.7445, -7.4581, 32.7886

Deuteranopia

58.7415, 4.1524, 33.2231



Tritanopia

58.7225, 19.8113, 6.1031

Trichromacy



Original Color

58.7853, 2.8860, 33.2302

Protanomaly

58.5920, -3.5446, 32.8728

Deuteranomaly

58.6253, 3.7623, 33.1387

Tritanomaly

58.5117, 12.0615, 19.5230

Monochromacy



Original Color

58.7853, 2.8860, 33.2302

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

57.0872, -2.5930, 17.9709

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7853, 2.8860, 33.2302 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(197, 152, 50)` looks like.

```
.text, #text, p{  
    color:rgb(197, 152, 50)  
}
```

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(197, 152, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 152, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7853, 2.8860, 33.2302 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(197, 152, 50) }
```


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

```
.border{ border-color:rgb(197, 152, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 152, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 152, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 152, 50);  
box-shadow:4px 4px 4px 4px rgb(197, 152,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7853, 2.8860, 33.2302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 152, 50) }
```

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

```
.background{ background-color: rgb(197,  
152, 50) }
```

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