

Converting Colors

HunterLab(58.8935, 6.9682,
33.2588)

Have a look what the booklet for
HunterLab(58.8935, 6.9682,
33.2588) contains.

HunterLab(58.7973, 7.1446, 33.1975)	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(58.7973, 7.1446,
33.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9533
RGB	204, 149, 51
RGB Percent	80%, 58%, 20%
CMY	0.2000, 0.4157, 0.8000
CMYK	0.00, 0.27, 0.75, 0.20
HSL	38°, 60%, 50%
HSV	38°, 75%, 80%
XYZ	36.2468, 34.5712, 7.8945
YIQ	154.2730, 64.2380, -18.8180

Conversions

Conversions Part 2

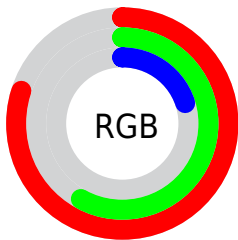
Format	Color
RYB	137, 204, 51
Decimal	13407539
CIELab	65.41, 11.66, 56.97
CIELCh	65, 58.153, 78.429
Yxy	34.5729, 0.4605, 0.4392
Android (android.graphics.Color)	4291597619 (0xFFCC9533)
YUV	154.2730, -50.9136, 43.6106
Hunter-Lab	58.7973, 7.1446, 33.1975

Details

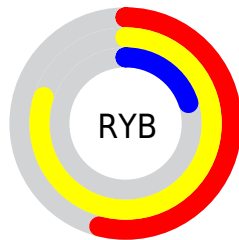
The HunterLab color **58.7973, 7.1446, 33.1975** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **39.2057, 10.6929, -62.0453**, and the grayscale version is **57.1395, -3.0488, 3.1045**.

A 20% lighter version of the original color is **80.6048, 3.0942, 40.0890**, and **38.6567, 6.8732, 23.9404** is the 20% darker color. If you saturate the color by 10%, you get **56.7300, 10.1200, 33.8076**, and if you desaturate by 10%, it is **60.9819, 4.5031, 31.7936**.

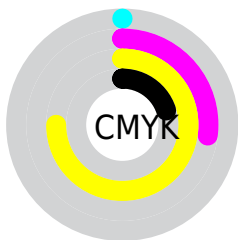
Distribution



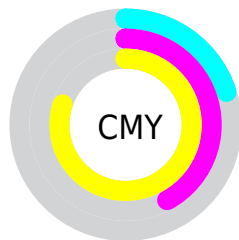
- Red (80%)
- Green (58%)
- Blue (20%)



- Red (54%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (27%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (42%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7973, 7.1446, 33.1975 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 58.7973, 7.1446, 33.1975 by changing the saturation by 10% instead.

■ 58.7973, 7.1446,
33.1975

■ 58.7973, 7.1446,
33.1975

179.6328, 5.0692,
64.7439

■ 48.3054, 7.0944,
28.9765

■ 81.7457, 7.0355,
41.0513

■ 38.5232, 6.9688,
24.5144

■ 94.1299, 6.8946,
44.7406

■ 29.5084, 6.7527,
20.0815

■ 107.0830, 6.7016,
48.3027

■ 21.3327, 6.4294,
14.9329

■ 120.5812, 6.4603,
51.7557

■ 14.0934, 5.9743,
9.8654

■ 134.6032, 6.1739,
55.1148

■ 7.7424, 6.1529,
5.4197

■ 149.1302, 5.8450,

0.0000, NaN, NaN

58.3925

0.0000, NaN, NaN

164.1452, 5.4761,
61.5992

0.0000, NaN, NaN

■ 58.7973, 7.1446,
33.1975

■ 58.7973, 7.1446,
33.1975

■ 56.7300, 10.1200,
33.8076

■ 60.9819, 4.5031,
31.7936

■ 54.7759, 13.4065,
33.6702

■ 63.2770, 2.2193,
29.5849

■ 53.8350, 15.1203,
33.4376

■ 65.6801, 0.2941,
26.5856

■ 68.1869, -1.2764,
22.8240

■ 70.7924, -2.5017,
18.3369

■ 73.4919, -3.3950,
13.1656

■ 76.2803, -3.9715,
7.3536

■ 79.1530, -4.2481,
0.9441

■ 82.1054, -4.2422,
-6.0207

Harmonies

Analogous

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



58.7988, 33.5184, 28.6860



58.7973, 7.1446, 33.1975



58.7988, -18.0111, 32.6713

Triad

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



58.7988, 7.1417, 33.1981



58.7988, -43.1812, -13.7514



58.7988, 38.7514, -37.4976

Complementary

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



58.7973, 7.1446, 33.1975



39.2057, 10.6929, -62.0453

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.



58.7988, 13.3726, -61.4527



58.7973, 7.1446, 33.1975



58.7988, -32.5623, -44.1627

Square

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



58.7988, 7.1417, 33.1981



58.7988, -44.2650, 11.8991



58.7988, -12.7614, -64.3130



58.7988, 53.7591, -7.0707

Rectangle

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



58.7973, 7.1446, 33.1975



58.7988, -30.8988, 29.4613



58.7988, -12.7614, -64.3130



58.7988, 30.9674, -47.0486

Sweetspot

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



58.7988, 7.1417, 33.1981



92.0332, -3.5726, 21.8779



40.3347, 56.6236, 5.3572



42.1428, -1.4873, 10.9276

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.7988, 7.1417, 33.1981



71.4359, 15.5918, 43.5044



73.1884, -25.9827, 42.1060



35.2022, -1.7619, 4.6841



42.9227, 11.5735, 26.6514



10.4449, 1.3000, 6.4589

Inverse Universe

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



39.2057, 10.6929, -62.0453



42.6106, 25.2372, -104.9425



28.4295, 42.6147, -100.8730



33.9014, -1.7974, -1.1259



24.3550, 19.3376, -72.1861



6.7002, 1.7973, -12.2544

Previews

White Background



This preview shows how the HunterLab color 58.7973, 7.1446, 33.1975 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 58.7973, 7.1446, 33.1975 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 58.7973, 7.1446, 33.1975 Background



This preview shows how black text looks on a background with the HunterLab color 58.7973, 7.1446, 33.1975.



This preview shows how white text looks on a background with the HunterLab color 58.7973, 7.1446,

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

58.7973, 7.1446, 33.1975

Protanopia

58.7602, -7.3711, 32.5572

Deuteranopia

58.7415, 4.1524, 33.2231



Tritanopia

58.6250, 23.2042, 7.3492

Trichromacy



Original Color

58.7973, 7.1446, 33.1975

Protanomaly

58.5359, -2.2420, 32.6188

Deuteranomaly

58.7031, 5.4267, 33.2198

Tritanomaly

58.5403, 16.0825, 20.2304

Monochromacy



Original Color

58.7973, 7.1446, 33.1975

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

57.0188, -1.3199, 17.6117

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7973, 7.1446, 33.1975 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(204, 149, 51)` looks like.

```
.text, #text, p{  
    color:rgb(204, 149, 51)  
}
```

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(204, 149, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 149, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7973, 7.1446, 33.1975 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(204, 149, 51) }
```


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

```
.border{ border-color:rgb(204, 149, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 149, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 149, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 149, 51);  
box-shadow:4px 4px 4px 4px rgb(204, 149,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7973, 7.1446, 33.1975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 149, 51) }
```

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

```
.background{ background-color: rgb(204,  
149, 51) }
```

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