

Converting Colors

HunterLab(59.7972, 17.3539,
33.0480)

Have a look what the booklet for
HunterLab(59.7972, 17.3539,
33.0480) contains.

HunterLab(59.8263, 17.2955, 33.0669)	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(59.8263, 17.2955,
33.0669)**

Conversions

Conversions Part 1

Format	Color
Hex	DE903B
RGB	222, 144, 59
RGB Percent	87%, 56%, 23%
CMY	0.1294, 0.4353, 0.7686
CMYK	0.00, 0.35, 0.73, 0.13
HSL	31°, 71%, 55%
HSV	31°, 73%, 87%
XYZ	40.8868, 35.7919, 8.8912
YIQ	157.6320, 73.7730, -9.8990

Conversions

Conversions Part 2

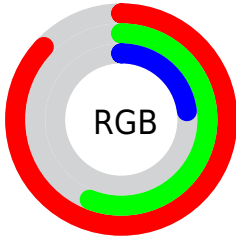
Format	Color
R _Y B	209, 222, 59
Decimal	14585915
CIE Lab	66.36, 22.44, 55.23
CIE LCh	66, 59.616, 67.891
Yxy	35.7937, 0.4778, 0.4183
Android (android.graphics.Color)	4292775995 (0xFFDE903B)
YUV	157.6320, -48.6256, 56.4507
Hunter-Lab	59.8263, 17.2955, 33.0669

Details

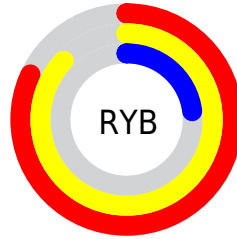
The HunterLab color **59.8263, 17.2955, 33.0669** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **49.0854, 1.1351, -53.2075**, and the grayscale version is **58.4954, -3.1212, 3.1782**.

A 20% lighter version of the original color is **79.2438, 6.1692, 37.6856**, and **39.3828, 16.3561, 24.5539** is the 20% darker color. If you saturate the color by 10%, you get **57.0457, 21.8750, 33.7320**, and if you desaturate by 10%, it is **62.8060, 13.0848, 31.5434**.

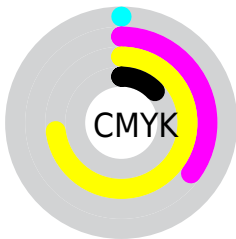
Distribution



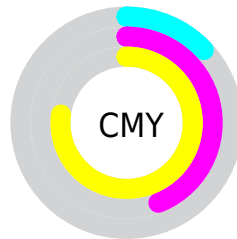
- Red (87%)
- Green (56%)
- Blue (23%)



- Red (82%)
- Yellow (87%)
- Blue (23%)



- Cyan (0%)
- Magenta (35%)
- Yellow (73%)
- Black (13%)



- Cyan (13%)
- Magenta (44%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.8263, 17.2955, 33.0669 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 59.8263, 17.2955, 33.0669 by changing the saturation by 10% instead.

59.8263, 17.2955,
33.0669

59.8263, 17.2955,
33.0669

181.1237, 19.0166,
63.6883

49.2696, 16.7367,
28.9834

82.8936, 18.1376,
40.6709

39.4179, 16.0781,
24.6659

95.3328, 18.4447,
44.2469

30.3275, 15.3016,
20.2096

108.3385, 18.6837,
47.7024

22.0687, 14.3893,
15.4481

121.8872, 18.8597,
51.0549

14.7355, 13.3213,
10.3149

135.9578, 18.9774,
54.3187

8.3923, 12.4471,
5.8746

150.5317, 19.0406,

0.0000, INF, NaN

57.5058

0.0000, NaN, NaN

165.5921, 19.0527,
60.6262

0.0000, NaN, NaN

■ 59.8263, 17.2955,
33.0669

■ 59.8263, 17.2955,
33.0669

■ 57.0457, 21.8750,
33.7320

■ 62.8060, 13.0848,
31.5434

■ 54.4698, 26.7830,
33.5570

■ 65.9681, 9.2765,
29.1833

■ 52.8850, 30.1191,
33.1148

■ 69.3014, 5.8719,
26.0337

■ 72.7933, 2.8631,
22.1521

■ 76.4319, 0.2341,
17.5993

■ 80.2060, -2.0362,
12.4357

■ 84.1052, -3.9709,
6.7180

■ 88.1203, -5.5943,
0.4986

■ 92.1085, -7.6686,
-4.2762

Harmonies

Analogous

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



59.8278, 42.7439, 26.0911



59.8263, 17.2955, 33.0669



59.8278, -10.0556, 34.1806

Triad

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



59.8278, 17.2921, 33.0675



59.8278, -45.8888, -3.8144



59.8278, 31.5608, -49.2553

Complementary

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



59.8263, 17.2955, 33.0669



49.0854, 1.1351, -53.2075

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.



59.8278, 3.9884, -67.7409



59.8263, 17.2955, 33.0669



59.8278, -38.4388, -34.9841

Square

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



59.8278, 17.2921, 33.0675



59.8278, -43.5828, 18.8240



59.8278, -21.2503, -61.6123



59.8278, 51.9333, -18.0963

Rectangle

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



59.8263, 17.2955, 33.0669



59.8278, -25.2867, 32.2702



59.8278, -21.2503, -61.6123



59.8278, 22.6540, -57.6626

Sweetspot

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



59.8278, 17.2921, 33.0675



89.9732, -0.0811, 19.8735



45.2619, 63.7903, -2.3829



41.0774, 0.3249, 9.9135

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.8278, 17.2921, 33.0675



65.1302, 28.5733, 39.4781



82.2568, -21.9740, 47.3189



38.5711, -1.3417, 4.8264



41.0328, 22.5894, 25.6797



11.6022, 4.2141, 7.2230

Inverse Universe

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



49.0854, 1.1351, -53.2075



50.6702, 8.8656, -79.3242



30.6874, 43.5402, -113.8469



37.8417, -2.5885, -0.8367



30.8269, 9.8441, -59.7816



9.1500, 0.6257, -12.7874

Previews

White Background



This preview shows how the HunterLab color 59.8263, 17.2955, 33.0669 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 59.8263, 17.2955, 33.0669 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 59.8263, 17.2955, 33.0669 Background



This preview shows how black text looks on a background with the HunterLab color 59.8263, 17.2955, 33.0669.



This preview shows how white text looks on a background with the HunterLab color 59.8263, 17.2955,

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

59.8263, 17.2955, 33.0669

Protanopia

59.9284, -7.5709, 31.9962

Deuteranopia

59.9611, 4.1029, 33.3200



Tritanopia

59.7521, 31.2185, 10.7846

Trichromacy



Original Color

59.8263, 17.2955, 33.0669

Protanomaly

59.4917, 1.1939, 32.1374

Deuteranomaly

59.7188, 8.8930, 33.1111

Tritanomaly

59.4974, 25.4164, 21.2429

Monochromacy



Original Color

59.8263, 17.2955, 33.0669

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

58.3193, 1.8844, 17.2502

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.8263, 17.2955, 33.0669 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(222, 144, 59)` looks like.

```
.text, #text, p{  
    color:rgb(222, 144, 59)  
}
```

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(222, 144, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 144, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 59.8263, 17.2955, 33.0669 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(222, 144, 59) }
```


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

```
.border{ border-color:rgb(222, 144, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 144, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 144, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 144, 59);  
box-shadow:4px 4px 4px 4px rgb(222, 144,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.8263, 17.2955, 33.0669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 144, 59) }
```

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

```
.background{ background-color: rgb(222,  
144, 59) }
```

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