

Converting Colors

HunterLab(31.5436, 19.1313,
8.1568)

Have a look what the booklet for
HunterLab(31.5436, 19.1313,
8.1568) contains.

HunterLab(31.5609, 18.8348, 8.2600)	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(31.5609, 18.8348,
8.2600)**

Conversions

Conversions Part 1

Format	Color
Hex	854748
RGB	133, 71, 72
RGB Percent	52%, 28%, 28%
CMY	0.4784, 0.7216, 0.7176
CMYK	0.00, 0.47, 0.46, 0.48
HSL	359°, 30%, 40%
HSV	359°, 47%, 52%
XYZ	13.0958, 9.9609, 7.3633
YIQ	89.6520, 36.6310, 13.4550

Conversions

Conversions Part 2

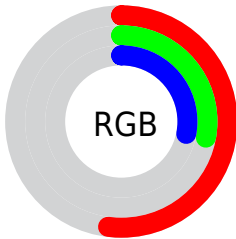
Format	Color
RYB	133, 71, 72
Decimal	8734536
CIELab	37.77, 26.47, 11.23
CIELCh	38, 28.751, 22.988
Yxy	9.9614, 0.4305, 0.3275
Android (android.graphics.Color)	4286924616 (0xFF854748)
YUV	89.6520, -8.7024, 38.0162
Hunter-Lab	31.5609, 18.8348, 8.2600

Details

The HunterLab color **31.5609, 18.8348, 8.2600** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **44.4756, -17.0231, -1.9950**, and the grayscale version is **31.8692, -1.7005, 1.7315**.

A 20% lighter version of the original color is **50.7170, 20.2329, 10.8329**, and **15.6443, 16.6266, 5.5257** is the 20% darker color. If you saturate the color by 10%, you get **28.8058, 23.6908, 9.6723**, and if you desaturate by 10%, it is **34.6868, 13.9671, 6.8972**.

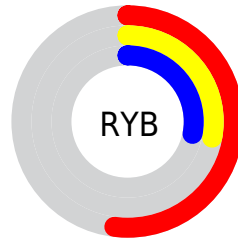
Distribution



Red (52%)

Green (28%)

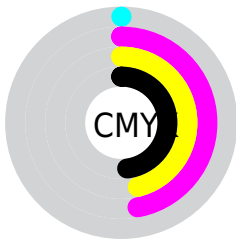
Blue (28%)



Red (52%)

Yellow (28%)

Blue (28%)

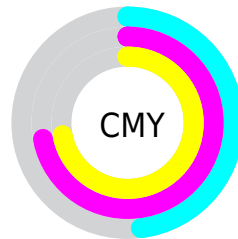


Cyan (0%)

Magenta (47%)

Yellow (46%)

Black (48%)



Cyan (48%)

Magenta (72%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.5609, 18.8348, 8.2600 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 31.5609, 18.8348, 8.2600 by changing the saturation by 10% instead.

■ 31.5609, 18.8348,
8.2600

■ 31.5609, 18.8348,
8.2600

137.9842, 23.9249,
19.0757

■ 23.1805, 17.7430,
6.9966

■ 50.7177, 20.6156,
10.6888

■ 15.7097, 16.5022,
5.6634

■ 61.3719, 21.3378,
11.8810

■ 9.2765, 15.1298,
5.5223

■ 72.6826, 21.9634,
13.0691

0.0000, INF, NaN

0.0000, NaN, NaN

■ 84.6136, 22.5018,
14.2579

0.0000, NaN, NaN

■ 97.1342, 22.9611,
15.4508

0.0000, NaN, NaN

110.2180, 23.3477,

0.0000, NaN, NaN

16.6503

0.0000, NaN, NaN

123.8415, 23.6674,
17.8582

■ 31.5609, 18.8348,
8.2600

■ 31.5609, 18.8348,
8.2600

■ 28.8058, 23.6908,
9.6723

■ 34.6868, 13.9671,
6.8972

■ 26.4841, 28.3204,
11.0683

■ 38.1223, 9.2158,
5.6140

■ 24.6583, 32.3970,
12.3472

■ 41.8185, 4.6328,
4.4212

■ 23.3712, 35.5470,
13.3850

■ 45.7351, 0.2310,
3.3168

■ 22.5803, 37.6204,
14.0772

■ 49.8398, -3.9979,
2.2931

■ 22.3410, 38.2807,
14.2737

■ 54.1068, -8.0716,
1.3407

■ 58.5156, -12.0106,
0.4497

■ 63.0497, -15.8352,
-0.3889

■ 67.6957, -19.5638,
-1.1829

Harmonies

Analogous

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



31.5617, 20.6267, -0.6847



31.5609, 18.8348, 8.2600



31.5617, 11.2277, 13.4155

Triad

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



31.5617, 18.8330, 8.2606



31.5617, -16.0734, 11.1313



31.5617, -4.0816, -23.4808

Complementary

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



31.5609, 18.8348, 8.2600



44.4756, -17.0231, -1.9950

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.



31.5617, -12.8078, -17.4758



31.5609, 18.8348, 8.2600



31.5617, -19.1283, 3.9455

Square

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



31.5617, 18.8330, 8.2606



31.5617, -9.0970, 14.6606



31.5617, -18.0149, -6.6177



31.5617, 6.4795, -21.1882

Rectangle

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



31.5609, 18.8348, 8.2600



31.5617, 4.3583, 15.0004



31.5617, -18.0149, -6.6177



31.5617, -7.3067, -22.3148

Sweetspot

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



31.5617, 18.8330, 8.2606



57.1406, 4.8263, 5.5671



33.3216, 27.3847, -18.4717



26.6683, 2.8179, 2.7764



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



31.5617, 18.8330, 8.2606



38.3245, 32.1252, 13.0686



38.3964, 4.6825, 14.5355



21.6560, 0.6388, 1.7361



21.8045, 37.3619, 13.9267



1.2863, 2.2098, 0.7770

Inverse Universe

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



31.5617, 18.8330, 8.2606



38.3245, 32.1252, 13.0686



35.6941, -4.0240, -14.9352



21.6560, 0.6388, 1.7361



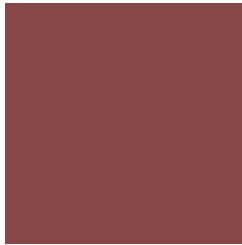
21.8045, 37.3619, 13.9267



1.2863, 2.2098, 0.7770

Previews

White Background



This preview shows how the HunterLab color 31.5609, 18.8348, 8.2600 looks on a white 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

Black Background



This preview shows how the HunterLab color 31.5609, 18.8348, 8.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

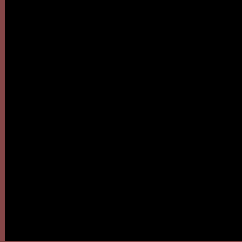
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 31.5609, 18.8348, 8.2600 Background



This preview shows how black text looks on a background with the HunterLab color 31.5609, 18.8348, 8.2600.



This preview shows how white text looks on a background with the HunterLab color 31.5609, 18.8348,

8.2600.

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

31.5609, 18.8348, 8.2600

Protanopia

31.7270, -1.6701, 4.9733

Deuteranopia

31.7624, 1.8937, 9.0952



Tritanopia

31.4462, 19.7126, 6.8305

Trichromacy



Original Color

31.5609, 18.8348, 8.2600

Protanomaly

31.2615, 5.6849, 5.6926

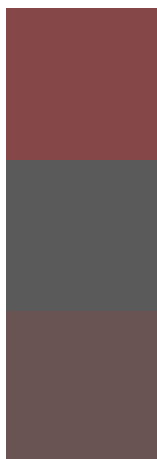
Deuteranomaly

31.5783, 7.5846, 8.7120

Tritanomaly

31.4243, 19.6072, 7.1474

Monochromacy



Original Color

31.5609, 18.8348, 8.2600

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

31.4249, 5.2080, 4.0148

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.5609, 18.8348, 8.2600 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(133, 71, 72)` looks like.

```
.text, #text, p{  
    color:rgb(133, 71, 72)  
}
```

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(133, 71, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 71, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 31.5609, 18.8348, 8.2600 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(133, 71, 72) }
```


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

```
.border{ border-color:rgb(133, 71, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 71, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 71, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 71, 72);  
box-shadow:4px 4px 4px 4px rgb(133, 71,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.5609, 18.8348, 8.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 71, 72) }
```

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

```
.background{ background-color: rgb(133, 71,  
72) }
```

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