

Converting Colors

HunterLab(24.6280, 33.0248,
6.6470)

Have a look what the booklet for
HunterLab(24.6280, 33.0248,
6.6470) contains.

HunterLab(24.6795, 33.2163, 6.8006)	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(24.6795, 33.2163,
6.8006)**

Conversions

Conversions Part 1

Format	Color
Hex	831F38
RGB	131, 31, 56
RGB Percent	51%, 12%, 22%
CMY	0.4863, 0.8784, 0.7804
CMYK	0.00, 0.76, 0.57, 0.49
HSL	345°, 62%, 32%
HSV	345°, 76%, 51%
XYZ	10.5639, 6.0908, 4.3602
YIQ	63.7500, 51.5750, 28.9750

Conversions

Conversions Part 2

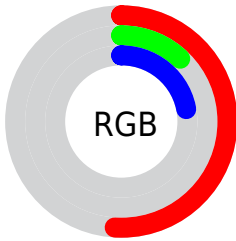
Format	Color
RYB	131, 31, 56
Decimal	8593208
CIELab	29.64, 43.67, 10.27
CIElCh	30, 44.861, 13.230
Yxy	6.0911, 0.5027, 0.2898
Android (android.graphics.Color)	4286783288 (0xFF831F38)
YUV	63.7500, -3.8207, 58.9783
Hunter-Lab	24.6795, 33.2163, 6.8006

Details

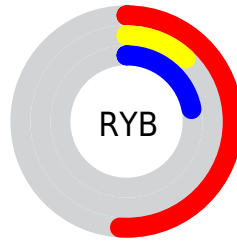
The HunterLab color **24.6795, 33.2163, 6.8006** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **41.9102, -25.2858, 6.0895**, and the grayscale version is **22.5571, -1.2036, 1.2256**.

A 20% lighter version of the original color is **42.5896, 36.9732, 9.0271**, and **12.5122, 21.6598, 6.2849** is the 20% darker color. If you saturate the color by 10%, you get **23.3527, 36.1150, 8.4137**, and if you desaturate by 10%, it is **26.5064, 29.3261, 5.3775**.

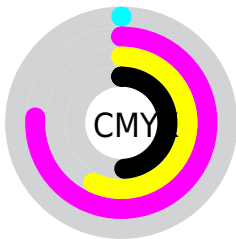
Distribution



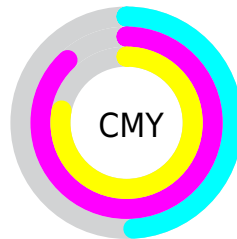
- Red (51%)
- Green (12%)
- Blue (22%)



- Red (51%)
- Yellow (12%)
- Blue (22%)



- Cyan (0%)
- Magenta (76%)
- Yellow (57%)
- Black (49%)



- Cyan (49%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.6795, 33.2163, 6.8006 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 24.6795, 33.2163, 6.8006 by changing the saturation by 10% instead.

■ 24.6795, 33.2163,
6.8006

■ 24.6795, 33.2163,
6.8006

126.4447, 44.9968,
17.1680

■ 17.0311, 31.3996,
5.5683

■ 42.5675, 36.5937,
9.1376

■ 10.3925, 29.6910,
4.7395

■ 52.6564, 38.1076,
10.2788

0.0000, INF, NaN

0.0000, NaN, NaN

■ 63.4362, 39.5052,
11.4150

0.0000, NaN, NaN

■ 74.8653, 40.7933,
12.5518

0.0000, NaN, NaN

■ 86.9087, 41.9795,
13.6932

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.5364, 43.0711,

14.8418

0.0000, NaN, NaN

112.7227, 44.0749,
15.9996

24.6795, 33.2163,
6.8006

24.6795, 33.2163,
6.8006

23.3527, 36.1150,
8.4137

26.5064, 29.3261,
5.3775

22.4925, 37.9026,
10.0497

28.7906, 24.7958,
4.2244

22.2118, 38.5263,
10.5706

31.4763, 19.9325,
3.3680

34.5050, 14.9574,
2.7963

37.8237, 10.0042,
2.4782

■ 41.3874, 5.1416,
2.3770

■ 45.1592, 0.3975,
2.4576

■ 49.1094, -4.2238,
2.6893

■ 53.2141, -8.7296,
3.0466

Harmonies

Analogous

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



24.6802, 32.5319, -7.8831



24.6795, 33.2163, 6.8006



24.6802, 23.2124, 13.6679

Triad

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



24.6802, 33.2140, 6.8012



24.6802, -18.0328, 14.0924



24.6802, -9.0514, -41.5781

Complementary

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



24.6795, 33.2163, 6.8006



41.9102, -25.2858, 6.0895

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.



24.6802, -18.9135, -25.5556



24.6795, 33.2163, 6.8006



24.6802, -23.1922, 7.9834

Square

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



24.6802, 33.2140, 6.8012



24.6802, -7.5374, 16.0273



24.6802, -23.4708, -5.7415



24.6802, 5.5852, -42.6257

Rectangle

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



24.6795, 33.2163, 6.8006



24.6802, 12.9544, 15.4197



24.6802, -23.4708, -5.7415



24.6802, -12.9404, -37.4681

Sweetspot

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



24.6802, 33.2140, 6.8012



51.9205, 11.5512, 3.2513



23.8396, 37.1312, -38.0632



24.3449, 6.5712, 1.6049



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.



24.6802, 33.2140, 6.8012



30.3364, 50.2121, 12.9997



27.8443, 21.9295, 14.7801



21.6943, 0.8449, 1.1902



22.0382, 38.2269, 10.4750



1.3361, 2.3927, 0.0530

Inverse Universe

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



24.6802, 33.2140, 6.8012



30.3364, 50.2121, 12.9997



34.9835, -11.1351, -15.0300



21.6943, 0.8449, 1.1902



22.0382, 38.2269, 10.4750



1.3361, 2.3927, 0.0530

Previews

White Background



This preview shows how the HunterLab color 24.6795, 33.2163, 6.8006 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 24.6795, 33.2163, 6.8006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

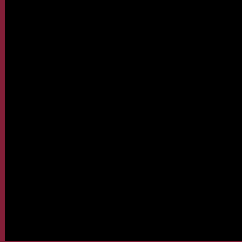
Any Text WCAG AA × Fail

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 24.6795, 33.2163, 6.8006 Background



This preview shows how black text looks on a background with the HunterLab color 24.6795, 33.2163, 6.8006.



This preview shows how white text looks on a background with the HunterLab color 24.6795, 33.2163,

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

24.6795, 33.2163, 6.8006

Protanopia

25.2073, -0.7627, -0.1377

Deuteranopia

25.1089, 1.6354, 8.1050



Tritanopia

24.6606, 30.2463, 11.5172

Trichromacy



Original Color

24.6795, 33.2163, 6.8006

Protanomaly

23.6069, 11.4038, 1.0108

Deuteranomaly

24.1126, 13.2368, 6.8079

Tritanomaly

24.6409, 31.0038, 9.9928

Monochromacy



Original Color

24.6795, 33.2163, 6.8006

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.0627, 10.7009, 1.9179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.6795, 33.2163, 6.8006 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(131, 31, 56)` looks like.

```
.text, #text, p{  
    color:rgb(131, 31, 56)  
}
```

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(131, 31, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 31, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 24.6795, 33.2163, 6.8006 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(131, 31, 56) }
```


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

```
.border{ border-color:rgb(131, 31, 56) }
```

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

Here you see how a box with a 4 pixel rgb(131, 31, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 31, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 31, 56);  
box-shadow:4px 4px 4px 4px rgb(131, 31,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.6795, 33.2163, 6.8006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 31, 56) }
```

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

```
.background{ background-color: rgb(131, 31,  
56) }
```

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