

Converting Colors

HunterLab(15.4038, 40.5323,
5.2533)

Have a look what the booklet for
HunterLab(15.4038, 40.5323,
5.2533) contains.

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Color

**HunterLab(17.7851, 31.0138,
7.1805)**

Conversions

Conversions Part 1

Format	Color
Hex	6A001F
RGB	106, 0, 31
RGB Percent	42%, 0%, 12%
CMY	0.5843, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.71, 0.58
HSL	342°, 100%, 21%
HSV	342°, 100%, 42%
XYZ	6.1912, 3.1631, 1.5806
YIQ	35.2280, 53.2250, 32.1130

Conversions

Conversions Part 2

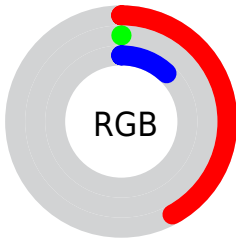
Format	Color
R_{YB}	106, 0, 31
Decimal	6946847
CIE _{Lab}	20.69, 43.05, 14.46
CIE _{LCh}	21, 45.413, 18.572
Yxy	3.1633, 0.5662, 0.2893
Android (android.graphics.Color)	4285136927 (0xFF6A001F)
YUV	35.2280, -2.0844, 62.0670
Hunter-Lab	17.7851, 31.0138, 7.1805

Details

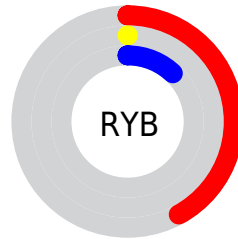
The HunterLab color **17.7851, 31.0138, 7.1805** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **32.8880, -22.6852, 7.8648**, and the grayscale version is **13.0328, -0.6954, 0.7081**.

A 20% lighter version of the original color is **34.0858, 34.6592, 10.3413**, and **8.8806, 15.2577, 5.3559** is the 20% darker color. If you saturate the color by 10%, you get **17.7850, 31.0133, 7.1819**, and if you desaturate by 10%, it is **18.5414, 29.3302, 5.9385**.

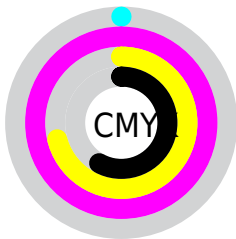
Distribution



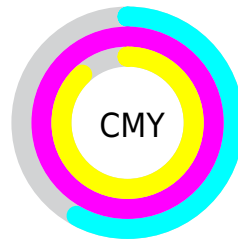
- Red (42%)
- Green (0%)
- Blue (12%)



- Red (42%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7851, 31.0138, 7.1805 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 17.7851, 31.0138, 7.1805 by changing the saturation by 10% instead.

■ 17.7851, 31.0138,
7.1805

■ 17.7851, 31.0138,
7.1805

■ 114.1321, 43.4046,
19.9017

■ 11.0344, 29.2765,
6.2361

■ 34.1610, 34.5230,
10.2730

■ 2.7565, 70.0081,
1.9296

■ 43.5882, 36.1222,
11.7123

0.0000, INF, NaN

0.0000, NaN, NaN

■ 53.7514, 37.6008,
13.1135

0.0000, NaN, NaN

■ 64.6010, 38.9636,
14.4903

0.0000, NaN, NaN

■ 76.0958, 40.2178,
15.8518


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.2016, 41.3713,


17.2046


0.0000, NaN, NaN

 100.8888, 42.4313,
18.5534


 17.7851, 31.0138,
7.1805


 17.7851, 31.0138,
7.1805


 17.7850, 31.0133,
7.1819

 18.5414, 29.3302,
5.9385

 19.5077, 27.2508,
4.6412

 20.8534, 24.3616,
3.5269

 22.5527, 20.9129,
2.6555

 24.5658, 17.1464,
2.0431

■ 26.8494, 13.2455,
1.6760

■ 29.3634, 9.3280,
1.5257

■ 32.0728, 5.4596,
1.5598

■ 34.9485, 1.6707,
1.7477

Harmonies

Analogous

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



17.7857, 32.3785, -4.6622



17.7851, 31.0138, 7.1805



17.7857, 19.7282, 12.0734

Triad

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



17.7857, 31.0116, 7.1809



17.7857, -16.5466, 11.1409



17.7857, -5.8135, -44.3332

Complementary

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



17.7851, 31.0138, 7.1805



32.8880, -22.6852, 7.8648

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.



17.7857, -15.0903, -29.3481



17.7851, 31.0138, 7.1805



17.7857, -19.9322, 5.2042

Square

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



17.7857, 31.0116, 7.1809



17.7857, -8.4958, 12.4500



17.7857, -19.4937, -8.8470



17.7857, 8.1106, -42.0494

Rectangle

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



17.7851, 31.0138, 7.1805



17.7857, 9.5793, 12.4500



17.7857, -19.4937, -8.8470



17.7857, -9.4861, -40.8673

Sweetspot

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



17.7857, 31.0116, 7.1809



38.6103, 12.7912, 2.0279



15.8263, 33.6745, -40.7413



18.1869, 6.9521, 1.0004



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



17.7857, 31.0116, 7.1809



23.5217, 40.9406, 10.0914



18.9952, 25.1697, 12.1445



17.6918, 0.6475, 0.8906



19.7988, 34.4981, 8.2043



44.5409, 77.3157, 20.7343

Inverse Universe

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



17.7857, 31.0116, 7.1809



23.5217, 40.9406, 10.0914



27.3980, -9.9340, -12.7992



17.6918, 0.6475, 0.8906



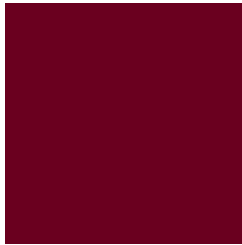
19.7988, 34.4981, 8.2043



44.5409, 77.3157, 20.7343

Previews

White Background



This preview shows how the HunterLab color 17.7851, 31.0138, 7.1805 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

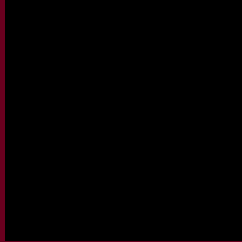
Any Text WCAG AA × Fail

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 17.7851, 31.0138, 7.1805 Background



This preview shows how black text looks on a background with the HunterLab color 17.7851, 31.0138, 7.1805.



This preview shows how white text looks on a background with the HunterLab color 17.7851, 31.0138,

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

17.7851, 31.0138, 7.1805

Protanopia

19.2495, -1.2346, 3.8786

Deuteranopia

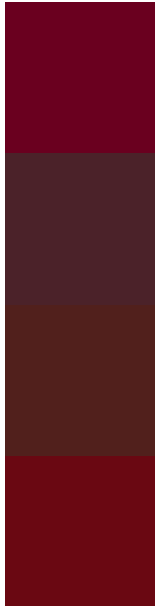
19.0671, 1.1307, 8.7299



Tritanopia

18.3683, 27.5481, 10.8738

Trichromacy



Original Color

17.7851, 31.0138, 7.1805

Protanomaly

16.7332, 12.0415, 3.0886

Deuteranomaly

16.9298, 13.8063, 6.8264

Tritanomaly

18.1149, 28.7996, 9.7935

Monochromacy



Original Color

17.7851, 31.0138, 7.1805

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.9669, 11.7239, 1.2757

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7851, 31.0138, 7.1805 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(106, 0, 31)` looks like.

```
.text, #text, p{  
    color:rgb(106, 0, 31)  
}
```

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(106, 0, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 0, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7851, 31.0138, 7.1805 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(106, 0, 31) }
```


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

```
.border{ border-color:rgb(106, 0, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 0, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 0, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 0, 31);  
box-shadow:4px 4px 4px 4px rgb(106, 0, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.7851, 31.0138, 7.1805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 0, 31) }
```

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

```
.background{ background-color: rgb(106, 0,  
31) }
```

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](#).

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