

Converting Colors

HunterLab(31.5608, 51.7264,
20.3532)

Have a look what the booklet for
HunterLab(31.5608, 51.7264,
20.3532) contains.

HunterLab(31.6088, 51.7906, 20.3839)	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>	30

Color

**HunterLab(31.6088, 51.7906,
20.3839)**

Conversions

Conversions Part 1

Format	Color
Hex	B40D00
RGB	180, 13, 0
RGB Percent	71%, 5%, 0%
CMY	0.2941, 0.9489, 1.0000
CMYK	0.00, 0.93, 1.00, 0.29
HSL	4°, 100%, 35%
HSV	4°, 100%, 71%
XYZ	18.9663, 9.9912, 0.9288
YIQ	61.4510, 103.7050, 31.3610

Conversions

Conversions Part 2

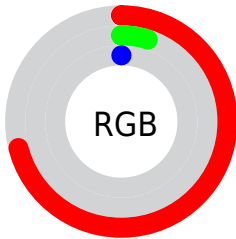
Format	Color
R_{YB}	180, 14, 0
Decimal	11799808
CIE _{Lab}	37.83, 60.17, 51.93
CIE _{LCh}	38, 79.479, 40.799
Yxy	9.9918, 0.6346, 0.3343
Android (android.graphics.Color)	4289989888 (0xFFB40D00)
YUV	61.4510, -30.2953, 103.9675
Hunter-Lab	31.6088, 51.7906, 20.3839

Details

The HunterLab color **31.6088, 51.7906, 20.3839** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **55.6078, -26.5282, -12.2381**, and the grayscale version is **21.8395, -1.1653, 1.1866**.

A 20% lighter version of the original color is **50.8225, 56.2038, 28.7802**, and **19.4471, 33.3038, 12.5663** is the 20% darker color. If you saturate the color by 10%, you get **31.6098, 51.7866, 20.3844**, and if you desaturate by 10%, it is **32.6521, 48.8519, 19.9362**.

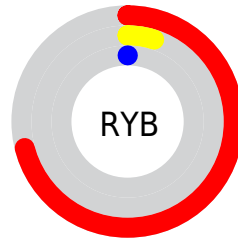
Distribution



Red (71%)

Green (5%)

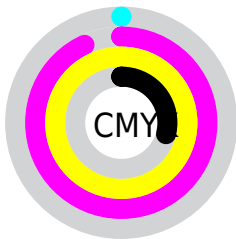
Blue (0%)



Red (71%)

Yellow (5%)

Blue (0%)

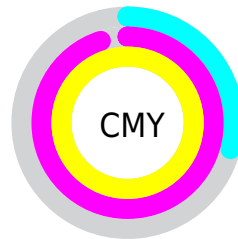


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (95%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 31.6088, 51.7906, 20.3839 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 31.6088, 51.7906, 20.3839 by changing the saturation by 10% instead.


 31.6088, 51.7906,
20.3839


 31.6088, 51.7906,
20.3839


 138.0629, 67.6565,
52.6038


 23.2240, 49.6687,
16.2568

 50.7741, 55.9689,
28.7409

 15.7479, 47.7574,
11.0235


 61.4320, 57.9342,
32.5730

 9.3090, 46.7032,
6.5163


 72.7461, 59.7981,
36.2224

0.0000, INF, NaN

0.0000, INF, NaN

 84.6804, 61.5598,
39.7191

0.0000, NaN, NaN

 97.2042, 63.2221,
43.0876


0.0000, NaN, NaN


 110.2909, 64.7892,


0.0000, NaN, NaN


46.3476


0.0000, NaN, NaN


 123.9173, 66.2657,
49.5153


 31.6088, 51.7906,
20.3839


 31.6088, 51.7906,
20.3839


 31.6098, 51.7866,
20.3844

 32.6521, 48.8519,
19.9362

 34.3770, 44.3861,
19.0813

 36.7938, 38.8101,
17.7277

 39.8518, 32.5944,
16.0058

 43.4756, 26.1413,
14.0557

■ 47.5850, 19.7251,
11.9898

■ 52.1061, 13.4990,
9.8838

■ 56.9752, 7.5300,
7.7822

■ 62.1400, 1.8330,
5.7079

Harmonies

Analogous

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



31.6098, 72.7087, 10.0520



31.6088, 51.7906, 20.3839



31.6098, 18.5558, 22.1269

Triad

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



31.6098, 51.7866, 20.3844



31.6098, -38.7138, 14.5625



31.6098, 9.3153, -105.2492

Complementary

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



31.6088, 51.7906, 20.3839



55.6078, -26.5282, -12.2381

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.



31.6098, -17.8484, -98.6283



31.6088, 51.7906, 20.3839



31.6098, -39.6519, -9.7635

Square

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



31.6098, 51.7866, 20.3844



31.6098, -30.2408, 21.4641



31.6098, -33.5253, -55.2814



31.6098, 42.9853, -69.2567

Rectangle

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



31.6088, 51.7906, 20.3839



31.6098, -2.4536, 22.1269



31.6098, -33.5253, -55.2814



31.6098, -0.9157, -108.4055

Sweetspot

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



31.6098, 51.7866, 20.3844



69.8393, 18.5997, 13.4551



35.3983, 68.6070, -39.0358



31.2710, 10.2489, 6.8030



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



31.6098, 51.7866, 20.3844



42.4198, 70.2202, 27.3682



43.8246, 19.3237, 27.3428



29.3271, 0.6817, 2.6122



26.4827, 43.0133, 17.0715



5.0314, 6.5699, 3.2153

Inverse Universe

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



55.6078, -26.5282, -12.2381



74.7804, -35.5994, -16.6201



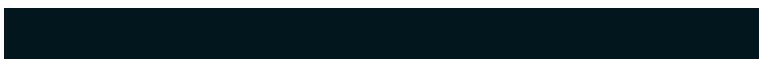
29.5703, 14.4269, -68.1039



30.8612, -3.7505, 0.6875



46.5016, -22.2183, -10.1599



8.4349, -4.1701, -1.5408

Previews

White Background



This preview shows how the HunterLab color 31.6088, 51.7906, 20.3839 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 31.6088, 51.7906, 20.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6088, 51.7906, 20.3839 Background



This preview shows how black text looks on a background with the HunterLab color 31.6088, 51.7906, 20.3839.



This preview shows how white text looks on a background with the HunterLab color 31.6088, 51.7906,

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

31.6088, 51.7906, 20.3839

Protanopia

32.2006, -4.3808, 18.2726

Tritanopia

31.7394, 51.3539, 20.4567

Trichromacy



Original Color

31.6088, 51.7906, 20.3839

Protanomaly

28.8710, 17.9159, 17.1757

Tritanomaly

31.6938, 51.5061, 20.4313

Monochromacy



Original Color

31.6088, 51.7906, 20.3839

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

22.1154, 17.6020, 8.7896

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6088, 51.7906, 20.3839 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(180, 13, 0)` looks like.

```
.text, #text, p{  
    color:rgb(180, 13, 0)  
}
```

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(180, 13, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 13, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6088, 51.7906, 20.3839 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(180, 13, 0) }
```

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

```
.border{ border-color:rgb(180, 13, 0) }
```

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

Here you see how a box with a 4 pixel rgb(180, 13, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 13, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 13, 0);  
box-shadow:4px 4px 4px 4px rgb(180, 13, 0)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 31.6088, 51.7906, 20.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 13, 0) }
```

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

```
.background{ background-color: rgb(180, 13,  
0) }
```

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