

Converting Colors

HunterLab(31.5637, 52.9720,
20.3768)

Have a look what the booklet for
HunterLab(31.5637, 52.9720,
20.3768) contains.

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Color

**HunterLab(31.5500, 52.9693,
20.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	B50600
RGB	181, 6, 0
RGB Percent	71%, 2%, 0%
CMY	0.2902, 0.9763, 1.0000
CMYK	0.00, 0.97, 1.00, 0.29
HSL	2°, 100%, 35%
HSV	2°, 100%, 71%
XYZ	19.1212, 9.9540, 0.9135
YIQ	57.6410, 106.2260, 35.2340

Conversions

Conversions Part 2

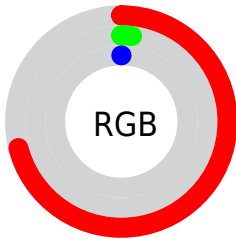
Format	Color
R_{YB}	181, 6, 0
Decimal	11863552
CIE _{Lab}	37.76, 61.25, 52.04
CIE _{LCh}	38, 80.368, 40.352
Yxy	9.9547, 0.6376, 0.3319
Android (android.graphics.Color)	4290053632 (0xFFB50600)
YUV	57.6410, -28.4170, 108.1858
Hunter-Lab	31.5500, 52.9693, 20.3683

Details

The HunterLab color **31.5500, 52.9693, 20.3683** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **58.2949, -29.5571, -9.0584**, and the grayscale version is **20.5216, -1.0950, 1.1150**.

A 20% lighter version of the original color is **50.7030, 57.4556, 28.7202**, and **19.6254, 33.6090, 12.6814** is the 20% darker color. If you saturate the color by 10%, you get **31.5510, 52.9652, 20.3688**, and if you desaturate by 10%, it is **32.4064, 50.6042, 19.7997**.

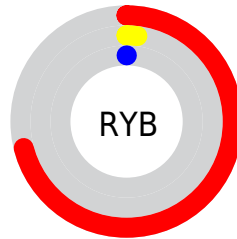
Distribution



Red (71%)

Green (2%)

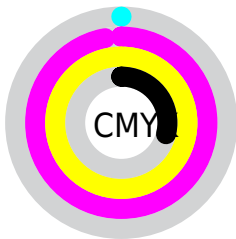
Blue (0%)



Red (71%)

Yellow (2%)

Blue (0%)

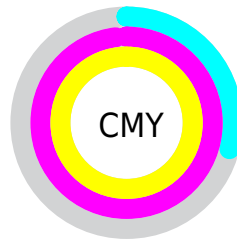


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (98%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 31.5500, 52.9693, 20.3683 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 31.5500, 52.9693, 20.3683 by changing the saturation by 10% instead.


 31.5500, 52.9693,
20.3683


 31.5500, 52.9693,
20.3683


 137.9667, 69.1241,
52.6536


 23.1709, 50.8357,
16.2196

 50.7052, 57.1999,
28.7427

 15.7013, 48.9384,
10.9909

 61.3586, 59.1972,
32.5832

 9.2692, 47.9719,
6.4885


 72.6685, 61.0947,
36.2403

0.0000, INF, NaN

0.0000, INF, NaN

 84.5987, 62.8906,
39.7442

0.0000, NaN, NaN

 97.1187, 64.5874,
43.1194


0.0000, NaN, NaN


 110.2017, 66.1889,


0.0000, NaN, NaN


46.3858


0.0000, NaN, NaN


 123.8246, 67.6996,
49.5594


 31.5500, 52.9693,
20.3683


 31.5500, 52.9693,
20.3683


 31.5510, 52.9652,
20.3688

 32.4064, 50.6042,
19.7997

 33.9706, 46.5424,
18.8062

 36.2933, 41.0906,
17.3211

 39.3299, 34.7624,
15.4977

 43.0001, 28.0412,
13.4958

■ 47.2133, 21.2730,
11.4378

■ 51.8844, 14.6592,
9.4000

■ 56.9400, 8.2928,
7.4219

■ 62.3200, 2.2003,
5.5190

Harmonies

Analogous

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



31.5510, 73.9212, 9.8316



31.5500, 52.9693, 20.3683



31.5510, 19.3103, 22.0857

Triad

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



31.5510, 52.9652, 20.3688



31.5510, -38.8703, 14.8429



31.5510, 8.9597, -107.4937

Complementary

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



31.5500, 52.9693, 20.3683



58.2949, -29.5571, -9.0584

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.



31.5510, -18.3130, -100.0125



31.5500, 52.9693, 20.3683



31.5510, -39.9069, -9.3635

Square

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



31.5510, 52.9652, 20.3688



31.5510, -30.2549, 21.5788



31.5510, -33.8993, -55.4492



31.5510, 43.0805, -71.2131

Rectangle

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



31.5500, 52.9693, 20.3683



31.5510, -2.0267, 22.0857



31.5510, -33.8993, -55.4492



31.5510, -1.3422, -110.4739

Sweetspot

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



31.5510, 52.9652, 20.3688



69.1094, 20.0545, 12.7149



36.1073, 70.7348, -45.6600



30.8981, 11.0159, 6.4340



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.



31.5510, 52.9652, 20.3688



42.1473, 71.1433, 27.2164



42.1229, 23.8166, 26.3729



29.2389, 0.8352, 2.5139



26.2355, 43.8446, 16.9338



4.8118, 7.2549, 3.0920

Inverse Universe

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



58.2949, -29.5571, -9.0584



77.9699, -39.5012, -12.1838



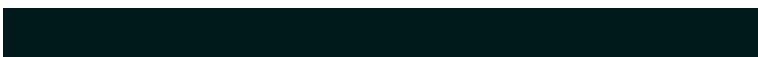
31.9861, 9.8074, -61.1511



30.9548, -3.8993, 0.7978



48.4235, -24.5672, -7.4916



8.6761, -4.4622, -1.2119

Previews

White Background



This preview shows how the HunterLab color 31.5500, 52.9693, 20.3683 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 31.5500, 52.9693, 20.3683 Background



This preview shows how black text looks on a background with the HunterLab color 31.5500, 52.9693, 20.3683.



This preview shows how white text looks on a background with the HunterLab color 31.5500, 52.9693,

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

31.5500, 52.9693, 20.3683

Protanopia

32.5572, -4.4769, 18.5070

Deuteranopia

32.3438, 1.2269, 19.9516



Tritanopia

31.7871, 51.1951, 20.4833

Trichromacy



Original Color

31.5500, 52.9693, 20.3683

Protanomaly

28.6309, 19.1930, 17.0423

Deuteranomaly

29.1806, 23.3207, 18.3892

Tritanomaly

31.6088, 51.7906, 20.3839

Monochromacy



Original Color

31.5500, 52.9693, 20.3683

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.1381, 19.1893, 8.4518

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.5500, 52.9693, 20.3683 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(181, 6, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 6, 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(181, 6, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 6, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 31.5500, 52.9693, 20.3683 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(181, 6, 0) }
```


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

```
.border{ border-color:rgb(181, 6, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 6, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 6, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(181, 6, 0); box-shadow:4px  
4px 4px 4px rgb(181, 6, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.5500, 52.9693, 20.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 6, 0) }
```

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

```
.background{ background-color: rgb(181, 6,  
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](#).

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