

Converting Colors

HunterLab(30.4700, 52.3764,
18.3115)

Have a look what the booklet for
HunterLab(30.4700, 52.3764,
18.3115) contains.

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Color

**HunterLab(30.4701, 52.3586,
18.3116)**

Conversions

Conversions Part 1

Format	Color
Hex	B00015
RGB	176, 0, 21
RGB Percent	69%, 0%, 8%
CMY	0.3098, 0.9999, 0.9176
CMYK	0.00, 1.00, 0.88, 0.31
HSL	353°, 100%, 35%
HSV	353°, 100%, 69%
XYZ	18.0399, 9.2843, 1.5507
YIQ	55.0180, 98.1550, 43.8430

Conversions

Conversions Part 2

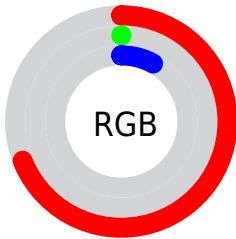
Format	Color
R_{YB}	176, 0, 21
Decimal	11534357
CIE _{Lab}	36.53, 60.93, 42.08
CIE _{LCh}	37, 74.055, 34.630
Yxy	9.2849, 0.6247, 0.3215
Android (android.graphics.Color)	4289724437 (0xFFB00015)
YUV	55.0180, -16.7709, 106.1012
Hunter-Lab	30.4701, 52.3586, 18.3116

Details

The HunterLab color **30.4701, 52.3586, 18.3116** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **57.8085, -34.9489, 3.1910**, and the grayscale version is **19.5896, -1.0452, 1.0643**.

A 20% lighter version of the original color is **49.5082, 56.5501, 25.3241**, and **18.7369, 32.0875, 12.1073** is the 20% darker color. If you saturate the color by 10%, you get **30.4698, 52.3578, 18.3140**, and if you desaturate by 10%, it is **31.2750, 50.5191, 16.9148**.

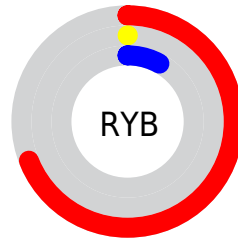
Distribution



Red (69%)

Green (0%)

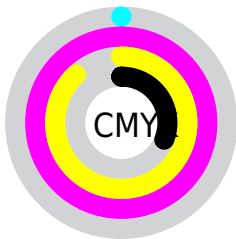
Blue (8%)



Red (69%)

Yellow (0%)

Blue (8%)

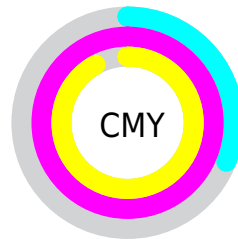


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (31%)



Cyan (31%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4701, 52.3586, 18.3116 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 30.4701, 52.3586, 18.3116 by changing the saturation by 10% instead.

■ 30.4701, 52.3586,
18.3116

■ 30.4701, 52.3586,
18.3116

■ 136.1943, 68.5276,
45.2907

■ 22.1979, 50.2404,
14.8564

■ 49.4383, 56.5883,
25.2862

■ 14.8484, 48.3972,
10.3939

■ 60.0078, 58.5886,
28.4752

■ 8.5005, 48.1439,
5.9504

■ 71.2387, 60.4891,
31.5166

0.0000, INF, NaN

0.0000, INF, NaN

■ 83.0942, 62.2879,
34.4380

0.0000, NaN, NaN

■ 95.5429, 63.9870,
37.2609


0.0000, NaN, NaN

■ 108.5578, 65.5903,

0.0000, NaN, NaN


40.0022

0.0000, NaN, NaN


 122.1153, 67.1023,
42.6752


 30.4701, 52.3586,
18.3116


 30.4701, 52.3586,
18.3116


 30.4698, 52.3578,
18.3140

 31.2750, 50.5191,
16.9148

 32.7013, 47.2059,
15.0851

 34.8888, 42.2842,
13.0778

 37.8010, 36.2390,
11.0879

 41.3596, 29.5842,
9.2558

■ 45.4725, 22.7151,
7.6542

■ 50.0521, 15.8776,
6.3029

■ 55.0227, 9.1988,
5.1906

■ 60.3220, 2.7284,
4.2923

Harmonies

Analogous

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



30.4711, 67.2097, 5.3025



30.4701, 52.3586, 18.3116



30.4711, 23.2955, 21.3298

Triad

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



30.4711, 52.3546, 18.3121



30.4711, -35.2512, 15.9364



30.4711, 2.5764, -96.2916

Complementary

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



30.4701, 52.3586, 18.3116



57.8085, -34.9489, 3.1910

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.



30.4711, -20.4585, -82.0923



30.4701, 52.3586, 18.3116



30.4711, -37.4968, -2.4995

Square

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



30.4711, 52.3546, 18.3121



30.4711, -25.4285, 21.0519



30.4711, -33.1419, -40.4804



30.4711, 32.8899, -70.7560

Rectangle

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



30.4701, 52.3586, 18.3116



30.4711, 3.2667, 21.3298



30.4711, -33.1419, -40.4804



30.4711, -6.2310, -96.1128

Sweetspot

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



30.4711, 52.3546, 18.3121



67.0575, 21.8784, 8.5786



31.4048, 63.7569, -57.0773



30.0105, 11.9401, 4.3264



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



30.4711, 52.3546, 18.3121



41.0136, 70.4339, 24.9757



35.9994, 35.0253, 22.7944



29.1911, 1.1134, 2.0400



26.1089, 44.8825, 15.5516



4.6877, 8.1699, 1.9279

Inverse Universe

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



30.4711, 52.3546, 18.3121



41.0136, 70.4339, 24.9757



38.2207, -3.4944, -40.2261



29.1911, 1.1134, 2.0400



26.1089, 44.8825, 15.5516



4.6877, 8.1699, 1.9279

Previews

White Background



This preview shows how the HunterLab color 30.4701, 52.3586, 18.3116 looks on a white background.

Color Contrast Check

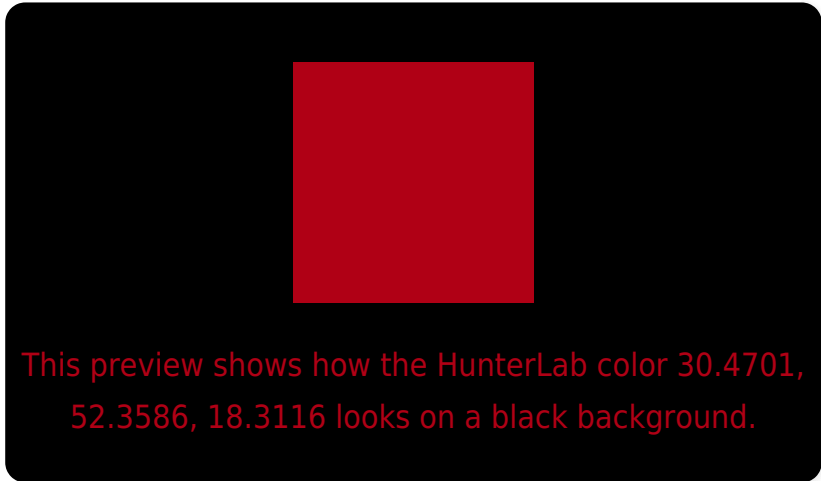
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4701, 52.3586, 18.3116 Background



This preview shows how black text looks on a background with the HunterLab color 30.4701, 52.3586, 18.3116.



This preview shows how white text looks on a background with the HunterLab color 30.4701, 52.3586,

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

30.4701, 52.3586, 18.3116

Protanopia

31.5135, -3.8764, 16.0576

Deuteranopia

31.2816, 1.4773, 19.3014



Tritanopia

30.7970, 49.6482, 19.8461

Trichromacy



Original Color

30.4701, 52.3586, 18.3116

Protanomaly

27.4540, 19.9828, 14.4673

Deuteranomaly

27.7752, 24.0691, 17.0460

Tritanomaly

30.5754, 50.5940, 19.2807

Monochromacy



Original Color

30.4701, 52.3586, 18.3116

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

20.0727, 19.8532, 5.9654

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4701, 52.3586, 18.3116 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(176, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 21)  
}
```

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(176, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4701, 52.3586, 18.3116 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(176, 0, 21) }
```


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

```
.border{ border-color:rgb(176, 0, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 0, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 21);  
box-shadow:4px 4px 4px 4px rgb(176, 0, 21)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.4701, 52.3586, 18.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 21) }
```

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

```
.background{ background-color: rgb(176, 0,  
21) }
```

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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