

Converting Colors

HunterLab(29.4899, 50.6903,
17.5984)

Have a look what the booklet for
HunterLab(29.4899, 50.6903,
17.5984) contains.

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Color

**HunterLab(29.5162, 50.7309,
17.6508)**

Conversions

Conversions Part 1

Format	Color
Hex	AB0015
RGB	171, 0, 21
RGB Percent	67%, 0%, 8%
CMY	0.3294, 0.9999, 0.9176
CMYK	0.00, 1.00, 0.88, 0.33
HSL	353°, 100%, 34%
HSV	353°, 100%, 67%
XYZ	16.9299, 8.7121, 1.4987
YIQ	53.5230, 95.1750, 42.7830

Conversions

Conversions Part 2

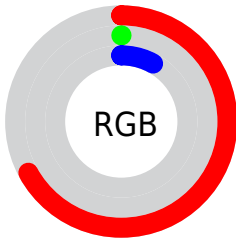
Format	Color
R_{YB}	171, 0, 21
Decimal	11206677
CIE Lab	35.42, 59.67, 40.73
CIE LCh	35, 72.244, 34.319
Yxy	8.7126, 0.6238, 0.3210
Android (android.graphics.Color)	4289396757 (0xFFAB0015)
YUV	53.5230, -16.0338, 103.0273
Hunter-Lab	29.5162, 50.7309, 17.6508

Details

The HunterLab color **29.5162, 50.7309, 17.6508** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **55.9720, -33.9446, 3.3183**, and the grayscale version is **19.0802, -1.0181, 1.0367**.

A 20% lighter version of the original color is **48.3058, 54.5502, 24.3946**, and **18.0311, 30.8788, 11.6513** is the 20% darker color. If you saturate the color by 10%, you get **29.5159, 50.7301, 17.6530**, and if you desaturate by 10%, it is **30.3152, 48.9035, 16.2716**.

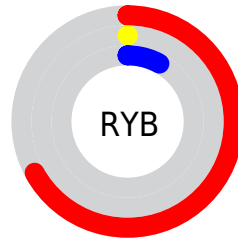
Distribution



Red (67%)

Green (0%)

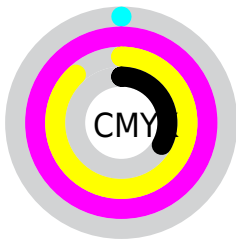
Blue (8%)



Red (67%)

Yellow (0%)

Blue (8%)

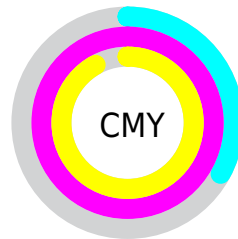


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (33%)



Cyan (33%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5162, 50.7309, 17.6508 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 29.5162, 50.7309, 17.6508 by changing the saturation by 10% instead.

■ 29.5162, 50.7309,
17.6508

■ 29.5162, 50.7309,
17.6508

■ 134.6177, 66.6535,
44.0086

■ 21.3406, 48.6366,
14.3354

■ 48.3157, 54.9136,
24.4716

■ 14.1002, 46.8307,
9.8702

■ 58.8098, 56.8880,
27.5863

■ 7.7497, 47.9628,
5.4248

■ 69.9698, 58.7612,
30.5558

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.7580, 60.5317,
33.4081

0.0000, NaN, NaN

■ 94.1428, 62.2018,
36.1644


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.0965, 63.7757,


38.8416


0.0000, NaN, NaN


 120.5952, 65.2580,
41.4528


 29.5162, 50.7309,
17.6508


 29.5162, 50.7309,
17.6508


 29.5159, 50.7301,
17.6530

 30.3152, 48.9035,
16.2716

 31.7082, 45.6761,
14.4807

 33.8345, 40.9023,
12.5307

 36.6583, 35.0507,
10.6087

 40.1037, 28.6145,
8.8477

■ 44.0824, 21.9725,
7.3153

■ 48.5101, 15.3603,
6.0286

■ 53.3141, 8.8999,
4.9755

■ 58.4349, 2.6392,
4.1308

Harmonies

Analogous

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



29.5171, 64.8371, 4.9039



29.5162, 50.7309, 17.6508



29.5171, 22.7810, 20.6620

Triad

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



29.5171, 50.7271, 17.6513



29.5171, -34.0123, 15.5035



29.5171, 2.2025, -92.7988

Complementary

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



29.5162, 50.7309, 17.6508



55.9720, -33.9446, 3.3183

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.



29.5171, -19.9400, -78.7426



29.5162, 50.7309, 17.6508



29.5171, -36.2534, -2.1210

Square

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



29.5171, 50.7271, 17.6513



29.5171, -24.4211, 20.4639



29.5171, -32.1082, -38.5666



29.5171, 31.4139, -68.5598

Rectangle

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



29.5162, 50.7309, 17.6508



29.5171, 3.4284, 20.6620



29.5171, -32.1082, -38.5666



29.5171, -6.2687, -92.4822

Sweetspot

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



29.5171, 50.7271, 17.6513



64.5815, 21.0361, 8.1537



30.4233, 61.7597, -55.2565



29.3263, 11.6381, 4.1682



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



29.5171, 50.7271, 17.6513



39.4792, 67.8122, 23.9374



34.9024, 33.8239, 22.0974



28.3386, 1.0737, 1.9672



25.6359, 44.0784, 15.1993



4.3329, 7.5625, 1.6961

Inverse Universe

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



29.5171, 50.7271, 17.6513



39.4792, 67.8122, 23.9374



37.0555, -3.4468, -38.8727



28.3386, 1.0737, 1.9672



25.6359, 44.0784, 15.1993



4.3329, 7.5625, 1.6961

Previews

White Background



This preview shows how the HunterLab color 29.5162, 50.7309, 17.6508 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 29.5162, 50.7309, 17.6508 Background



This preview shows how black text looks on a background with the HunterLab color 29.5162, 50.7309, 17.6508.



This preview shows how white text looks on a background with the HunterLab color 29.5162, 50.7309, 17.6508.

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

29.5162, 50.7309, 17.6508

Protanopia

30.7092, -4.0406, 15.6297

Deuteranopia

30.4726, 1.2901, 18.7997



Tritanopia

29.8607, 47.9479, 19.2394

Trichromacy



Original Color

29.5162, 50.7309, 17.6508

Protanomaly

26.5373, 19.3566, 13.7947

Deuteranomaly

27.1644, 23.3483, 16.6459

Tritanomaly

29.6322, 48.9224, 18.6560

Monochromacy



Original Color

29.5162, 50.7309, 17.6508

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.6281, 19.4855, 5.8191

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5162, 50.7309, 17.6508 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(171, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5162, 50.7309, 17.6508 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(171, 0, 21) }
```


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

```
.border{ border-color:rgb(171, 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(171, 0, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 21);  
box-shadow:4px 4px 4px 4px rgb(171, 0, 21)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5162, 50.7309, 17.6508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 21) }
```

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

```
.background{ background-color: rgb(171, 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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