

Converting Colors

HunterLab(30.4969, 52.6909,
16.1095)

Have a look what the booklet for
HunterLab(30.4969, 52.6909,
16.1095) contains.

HunterLab(30.4202, 52.5556, 16.0909)	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>	31

Color

**HunterLab(30.4202, 52.5556,
16.0909)**

Conversions

Conversions Part 1

Format	Color
Hex	AF0026
RGB	175, 0, 38
RGB Percent	69%, 0%, 15%
CMY	0.3137, 0.9999, 0.8510
CMYK	0.00, 1.00, 0.78, 0.31
HSL	347°, 100%, 34%
HSV	347°, 100%, 69%
XYZ	18.0290, 9.2539, 2.6697
YIQ	56.6570, 92.1020, 48.9180

Conversions

Conversions Part 2

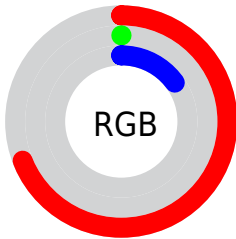
Format	Color
RYB	175, 0, 38
Decimal	11468838
CIELab	36.47, 61.12, 32.36
CIELCh	36, 69.163, 27.898
Yxy	9.2545, 0.6019, 0.3090
Android (android.graphics.Color)	4289658918 (0xFFAF0026)
YUV	56.6570, -9.1979, 103.7868
Hunter-Lab	30.4202, 52.5556, 16.0909

Details

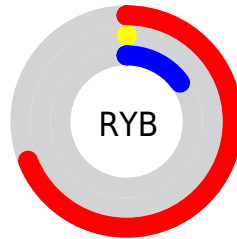
The HunterLab color **30.4202, 52.5556, 16.0909** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **56.9797, -37.5378, 9.8156**, and the grayscale version is **20.1241, -1.0738, 1.0934**.

A 20% lighter version of the original color is **49.3899, 56.7481, 21.6033**, and **18.7369, 32.0875, 12.1073** is the 20% darker color. If you saturate the color by 10%, you get **30.4199, 52.5545, 16.0944**, and if you desaturate by 10%, it is **31.2677, 50.8994, 14.0641**.

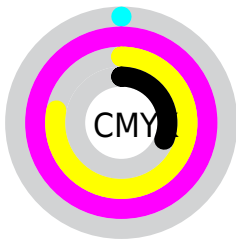
Distribution



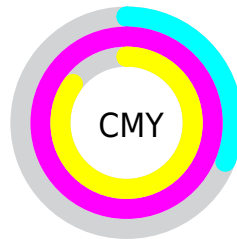
- Red (69%)
- Green (0%)
- Blue (15%)



- Red (69%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4202, 52.5556, 16.0909 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 30.4202, 52.5556, 16.0909 by changing the saturation by 10% instead.

■ 30.4202, 52.5556,
16.0909

■ 30.4202, 52.5556,
16.0909

136.1121, 68.7783,
37.7637

■ 22.1530, 50.4365,
13.0230

■ 49.3796, 56.7946,
21.5957

■ 14.8092, 48.5992,
10.3664

■ 59.9452, 58.8009,
24.1284

■ 8.4631, 48.4190,
5.9241

■ 71.1725, 60.7078,
26.5582

0.0000, INF, NaN

0.0000, INF, NaN

■ 83.0245, 62.5130,
28.9068

0.0000, NaN, NaN

■ 95.4699, 64.2186,
31.1904

0.0000, NaN, NaN

■ 108.4816, 65.8283,

0.0000, NaN, NaN

33.4216

0.0000, NaN, NaN

122.0360, 67.3467,
35.6101

30.4202, 52.5556,
16.0909

30.4202, 52.5556,
16.0909

30.4199, 52.5545,
16.0944

31.2677, 50.8994,
14.0641

32.7171, 47.7535,
11.8215

34.9048, 42.9640,
9.6608

37.7953, 36.9969,
7.7609

41.3130, 30.3551,
6.2184

■ 45.3699, 23.4333,
5.0569

■ 49.8820, 16.4847,
4.2541

■ 54.7765, 9.6464,
3.7676

■ 59.9932, 2.9783,
3.5501

Harmonies

Analogous

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



30.4212, 61.6280, -0.0427



30.4202, 52.5556, 16.0909



30.4212, 27.8493, 20.7102

Triad

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



30.4212, 52.5517, 16.0915



30.4212, -32.2422, 17.1848



30.4212, -3.3419, -86.5060

Complementary

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



30.4202, 52.5556, 16.0909



56.9797, -37.5378, 9.8156

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.



30.4212, -22.9202, -66.5469



30.4202, 52.5556, 16.0909



30.4212, -35.9559, 3.2619

Square

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



30.4212, 52.5517, 16.0915



30.4212, -20.7614, 21.0558



30.4212, -33.1812, -27.8585



30.4212, 23.8522, -71.1079

Rectangle

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



30.4202, 52.5556, 16.0909



30.4212, 8.9521, 21.2948



30.4212, -33.1812, -27.8585



30.4212, -10.9289, -83.5136

Sweetspot

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



30.4212, 52.5517, 16.0915



66.4188, 22.5562, 5.7394



28.5978, 59.7914, -65.4159



30.1105, 12.4418, 2.8938



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.



30.4212, 52.5517, 16.0915



40.6776, 70.2119, 22.0187



33.3499, 41.6372, 21.2775



28.3597, 1.1877, 1.6650



25.7578, 44.5298, 13.3984



4.3873, 7.7621, 0.9066

Inverse Universe

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



30.4212, 52.5517, 16.0915



40.6776, 70.2119, 22.0187



43.1540, -11.3985, -29.3303



28.3597, 1.1877, 1.6650



25.7578, 44.5298, 13.3984



4.3873, 7.7621, 0.9066

Previews

White Background



This preview shows how the HunterLab color 30.4202, 52.5556, 16.0909 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 30.4202, 52.5556, 16.0909 looks on a 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 30.4202, 52.5556, 16.0909 Background



This preview shows how black text looks on a background with the HunterLab color 30.4202, 52.5556, 16.0909.



This preview shows how white text looks on a background with the HunterLab color 30.4202, 52.5556,

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

30.4202, 52.5556, 16.0909

Protanopia

31.5231, -3.2969, 11.8377

Deuteranopia

31.2965, 1.7660, 17.4643



Tritanopia

30.8183, 49.7296, 19.5292

Trichromacy



Original Color

30.4202, 52.5556, 16.0909

Protanomaly

27.4322, 20.4346, 10.4921

Deuteranomaly

27.7638, 24.3143, 14.9105

Tritanomaly

30.6182, 50.7550, 18.6472

Monochromacy



Original Color

30.4202, 52.5556, 16.0909

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.4972, 20.4052, 4.2588

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4202, 52.5556, 16.0909 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(175, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(175, 0, 38)  
}
```

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(175, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 0, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4202, 52.5556, 16.0909 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(175, 0, 38) }
```


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

```
.border{ border-color:rgb(175, 0, 38) }
```

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

Here you see how a box with a 4 pixel rgb(175, 0, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 0, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 0, 38);  
box-shadow:4px 4px 4px 4px rgb(175, 0, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.4202, 52.5556, 16.0909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 0, 38) }
```

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

```
.background{ background-color: rgb(175, 0,  
38) }
```

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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