

Converting Colors

HunterLab(30.0902, 53.8448,
1.5030)

Have a look what the booklet for
HunterLab(30.0902, 53.8448,
1.5030) contains.

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Color

**HunterLab(30.0490, 53.8045,
1.2412)**

Conversions

Conversions Part 1

Format	Color
Hex	A80058
RGB	168, 0, 88
RGB Percent	66%, 0%, 35%
CMY	0.3412, 0.9999, 0.6549
CMYK	0.00, 1.00, 0.48, 0.34
HSL	329°, 100%, 33%
HSV	329°, 100%, 66%
XYZ	17.9099, 9.0294, 10.0314
YIQ	60.2640, 71.8800, 62.9840

Conversions

Conversions Part 2

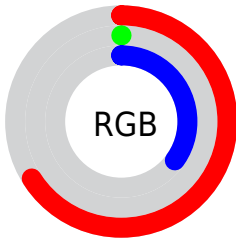
Format	Color
R_{YB}	168, 0, 88
Decimal	11010136
CIE Lab	36.04, 62.33, -0.60
CIE LCh	36, 62.338, 359.446
Yxy	9.0300, 0.4844, 0.2442
Android (android.graphics.Color)	4289200216 (0xFFA80058)
YUV	60.2640, 13.6738, 94.4845
Hunter-Lab	30.0490, 53.8045, 1.2412

Details

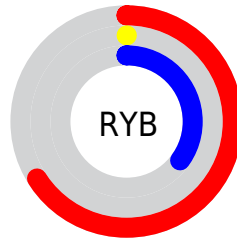
The HunterLab color **30.0490, 53.8045, 1.2412** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **53.4649, -41.9755, 23.7882**, and the grayscale version is **21.2898, -1.1360, 1.1567**.

A 20% lighter version of the original color is **48.9090, 58.1257, 2.0068**, and **18.5085, 32.6386, 4.6548** is the 20% darker color. If you saturate the color by 10%, you get **30.0486, 53.8033, 1.2459**, and if you desaturate by 10%, it is **30.9271, 52.4077, -1.2411**.

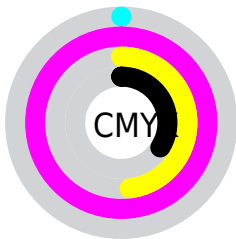
Distribution



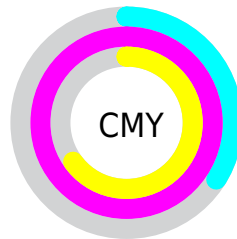
- Red (66%)
- Green (0%)
- Blue (35%)



- Red (66%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0490, 53.8045, 1.2412 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 30.0490, 53.8045, 1.2412 by changing the saturation by 10% instead.

30.0490, 53.8045,
1.2412

30.0490, 53.8045,
1.2412

135.4995, 70.3706,
6.7282

21.8191, 51.6823,
0.8334

48.9430, 58.1018,
2.2019

14.5175, 49.8903,
0.4801

59.4794, 60.1462,
2.7447

8.1785, 50.3328,
0.1397

70.6792, 62.0935,
3.3254

0.0000, INF, NaN

0.0000, INF, NaN

82.5051, 63.9402,
3.9417

0.0000, NaN, NaN

94.9257, 65.6875,
4.5917

0.0000, NaN, NaN

107.9137, 67.3388,

0.0000, NaN, NaN

5.2737

0.0000, NaN, NaN

121.4453, 68.8983,
5.9863

■ 30.0490, 53.8045,
1.2412

■ 30.0490, 53.8045,
1.2412

■ 30.0486, 53.8033,
1.2459

■ 30.9271, 52.4077,
-1.2411

■ 32.3220, 49.5172,
-3.2417

■ 34.3693, 44.9310,
-4.4813

■ 37.0435, 39.0618,
-4.9334

■ 40.2841, 32.3798,
-4.6705

■ 44.0183, 25.2774,
-3.8109

■ 48.1742, 18.0265,
-2.4777

■ 52.6879, 10.7899,
-0.7778

■ 57.5058, 3.6527,
1.2040

Harmonies

Analogous

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



30.0499, 44.4551, -27.0319



30.0490, 53.8045, 1.2412



30.0499, 45.0877, 15.4966

Triad

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



30.0499, 53.8012, 1.2421



30.0499, -19.7754, 19.9512



30.0499, -20.3031, -58.1684

Complementary

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



30.0490, 53.8045, 1.2412



53.4649, -41.9755, 23.7882

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.



30.0499, -30.3834, -25.8026



30.0490, 53.8045, 1.2412



30.0499, -30.1465, 15.7851

Square

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



30.0499, 53.8012, 1.2421



30.0499, -1.1929, 21.0349



30.0499, -33.3901, 2.0240



30.0499, -2.0148, -73.3870

Rectangle

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



30.0490, 53.8045, 1.2412



30.0499, 31.3230, 18.9932



30.0499, -33.3901, 2.0240



30.0499, -24.5471, -48.1542

Sweetspot

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



30.0499, 53.8012, 1.2421



64.5646, 24.8370, -3.4537



21.1304, 49.5588, -90.0590



29.0649, 13.4370, -1.9761



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



30.0499, 53.8012, 1.2421



40.4242, 72.2814, 2.4490



28.8751, 49.4872, 18.3274



27.5780, 1.5061, 0.6440



26.1322, 46.8276, 0.7981



4.1999, 7.7504, -1.6118

Inverse Universe

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



30.0499, 53.8012, 1.2421



40.4242, 72.2814, 2.4490



55.3428, -30.5361, -3.2534



27.5780, 1.5061, 0.6440



26.1322, 46.8276, 0.7981



4.1999, 7.7504, -1.6118

Previews

White Background



This preview shows how the HunterLab color 30.0490, 53.8045, 1.2412 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 30.0490, 53.8045, 1.2412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

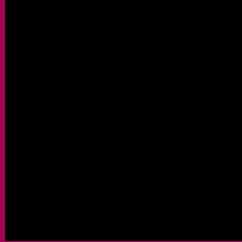
Any Text WCAG AA × Fail

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 30.0490, 53.8045, 1.2412 Background



This preview shows how black text looks on a background with the HunterLab color 30.0490, 53.8045, 1.2412.



This preview shows how white text looks on a background with the HunterLab color 30.0490, 53.8045,

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

30.0490, 53.8045, 1.2412

Protanopia

31.1187, 3.2486, -19.0235

Deuteranopia

31.2149, 1.8677, 4.4811



Tritanopia

30.5332, 42.5684, 16.4719

Trichromacy



Original Color

30.0490, 53.8045, 1.2412

Protanomaly

26.7878, 24.1109, -17.6497

Deuteranomaly

27.5018, 24.7701, -0.7021

Tritanomaly

29.9118, 47.1850, 12.3398

Monochromacy



Original Color

30.0490, 53.8045, 1.2412

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.1685, 21.5107, -2.8086

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0490, 53.8045, 1.2412 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(168, 0, 88)` looks like.

```
.text, #text, p{  
    color:rgb(168, 0, 88)  
}
```

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(168, 0, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0490, 53.8045, 1.2412 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(168, 0, 88) }
```


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

```
.border{ border-color:rgb(168, 0, 88) }
```

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

Here you see how a box with a 4 pixel rgb(168, 0, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 88);  
box-shadow:4px 4px 4px 4px rgb(168, 0, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.0490, 53.8045, 1.2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 0, 88) }
```

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

```
.background{ background-color: rgb(168, 0,  
88) }
```

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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