

Converting Colors

HunterLab(29.9322, 19.4592,
-66.7475)

Have a look what the booklet for
HunterLab(29.9322, 19.4592,
-66.7475) contains.

HunterLab(30.0093, 19.2763, -66.4828)	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(30.0093, 19.2763,
-66.4828)**

Conversions

Conversions Part 1

Format	Color
Hex	324BB4
RGB	50, 75, 180
RGB Percent	20%, 29%, 71%
CMY	0.8039, 0.7059, 0.2941
CMYK	0.72, 0.58, 0.00, 0.29
HSL	228°, 57%, 45%
HSV	228°, 72%, 71%
XYZ	12.0697, 9.0056, 44.2822
YIQ	79.4950, -48.6050, 27.3550

Conversions

Conversions Part 2

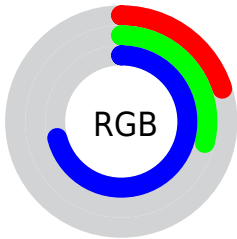
Format	Color
RYB	50, 71, 180
Decimal	3296180
CIELab	36.00, 27.20, -58.53
CIELCh	36, 64.544, 294.926
Yxy	9.0058, 0.1847, 0.1378
Android (android.graphics.Color)	4281486260 (0xFF324BB4)
YUV	79.4950, 49.5490, -25.8671
Hunter-Lab	30.0093, 19.2763, -66.4828

Details

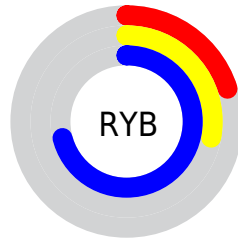
The HunterLab color **30.0093, 19.2763, -66.4828** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **57.7750, -4.9546, 32.4162**, and the grayscale version is **27.9810, -1.4930, 1.5203**.

A 20% lighter version of the original color is **48.7761, 21.4251, -66.9605**, and **15.9354, 20.0822, -63.2695** is the 20% darker color. If you saturate the color by 10%, you get **26.2349, 25.3551, -80.9763**, and if you desaturate by 10%, it is **34.2921, 14.1133, -53.2799**.

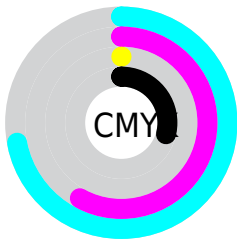
Distribution



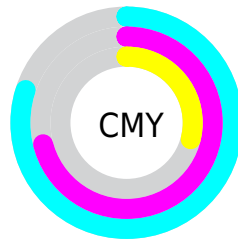
- Red (20%)
- Green (29%)
- Blue (71%)



- Red (20%)
- Yellow (28%)
- Blue (71%)



- Cyan (72%)
- Magenta (58%)
- Yellow (0%)
- Black (29%)



- Cyan (80%)
- Magenta (71%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0093, 19.2763, -66.4828 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 30.0093, 19.2763, -66.4828 by changing the saturation by 10% instead.

■ 30.0093, 19.2763,
-66.4828

■ 30.0093, 19.2763,
-66.4828

■ 135.4331, 24.7850,
-71.5250

■ 21.7830, 18.1270,
-67.9149

■ 48.8957, 21.1717,
-66.3561

■ 14.4859, 16.8263,
-71.7339

■ 59.4289, 21.9446,
-66.8708

■ 8.1470, 16.0021,
-83.1822

■ 70.6257, 22.6180,
-67.5487

0.0000, INF, -NF

0.0000, NaN, -NF

■ 82.4488, 23.2016,
-68.3126

0.0000, NaN, -NF

■ 94.8667, 23.7037,
-69.1160

0.0000, NaN, NaN

107.8521, 24.1312,

0.0000, NaN, NaN

-69.9303

0.0000, NaN, NaN

121.3813, 24.4900,
-70.7373

■ 30.0093, 19.2763,
-66.4828

■ 30.0093, 19.2763,
-66.4828

■ 26.2349, 25.3551,
-80.9763

■ 34.2921, 14.1133,
-53.2799

■ 23.1010, 32.1556,
-96.0269

■ 38.9753, 9.8112,
-41.4987

■ 21.1526, 37.4779,
-107.3430

■ 43.9795, 6.2385,
-31.0035

■ 49.2462, 3.2563,
-21.5847

■ 54.7326, 0.7447,
-13.0368

■ 60.4066, -1.3928,
-5.1843

■ 66.2439, -3.2314,
2.1151

■ 72.2256, -4.8292,
8.9738

■ 78.3369, -6.2313,
15.4803

Harmonies

Analogous

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



30.0097, -5.3947, -77.0851



30.0093, 19.2763, -66.4828



30.0097, 43.5498, -33.7317

Triad

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



30.0097, 19.2775, -66.4819



30.0097, 28.0879, 19.7309



30.0097, -34.0516, 5.1034

Complementary

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



30.0093, 19.2763, -66.4828



57.7750, -4.9546, 32.4162

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.



30.0097, -29.7850, 17.1027



30.0093, 19.2763, -66.4828



30.0097, 2.3872, 21.0068

Square

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



30.0097, 19.2775, -66.4819



30.0097, 49.6131, 14.4592



30.0097, -17.9828, 20.5193



30.0097, -31.9826, -21.8949

Rectangle

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



30.0093, 19.2763, -66.4828



30.0097, 53.7784, -11.4134



30.0097, -17.9828, 20.5193



30.0097, -33.3611, 10.6053

Sweetspot

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



30.0097, 19.2775, -66.4819



73.5808, 1.0522, -17.7298



59.7112, -34.3333, 5.8355



33.2840, 0.8828, -9.6194



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.



30.0097, 19.2775, -66.4819



32.5671, 39.8100, -121.7745



27.7514, 38.2663, -74.4832



29.1305, -0.9170, -1.4144



17.8861, 30.5681, -88.3439



4.2283, 2.4840, -10.6472

Inverse Universe

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



35.3459, 45.3759, 11.4084



43.5741, 70.0026, 20.2505



62.0775, -28.4617, 34.8705



29.2080, 1.2046, 1.7982



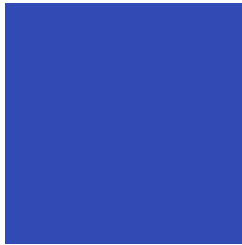
26.1975, 45.2105, 14.2422



4.7311, 8.3292, 1.2968

Previews

White Background



This preview shows how the HunterLab color 30.0093, 19.2763, -66.4828 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 30.0093, 19.2763, -66.4828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

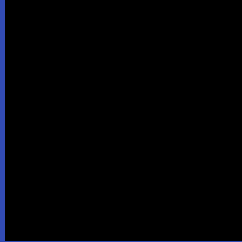
Any Text WCAG AA × Fail

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 30.0093, 19.2763, -66.4828 Background



This preview shows how black text looks on a background with the HunterLab color 30.0093, 19.2763, -66.4828.



This preview shows how white text looks on a background with the HunterLab color 30.0093, 19.2763, -66.4828.

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

30.0093, 19.2763, -66.4828

Protanopia

29.7715, 10.1878, -59.2044

Deuteranopia

29.7077, 0.6018, -38.4311



Tritanopia

29.8756, -14.6235, -5.7739

Trichromacy



Original Color

30.0093, 19.2763, -66.4828

Protanomaly

29.6913, 12.8681, -62.4676

Deuteranomaly

29.4979, 6.5431, -48.5561

Tritanomaly

29.2061, -4.5387, -24.2448

Monochromacy



Original Color

30.0093, 19.2763, -66.4828

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.1757, 3.0261, -17.3546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0093, 19.2763, -66.4828 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(50, 75, 180)` looks like.

```
.text, #text, p{  
    color:rgb(50, 75, 180)  
}
```

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(50, 75, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 75, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0093, 19.2763, -66.4828 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(50, 75, 180) }
```


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

```
.border{ border-color:rgb(50, 75, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 75, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 75, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 75, 180);  
box-shadow:4px 4px 4px 4px rgb(50, 75,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.0093, 19.2763, -66.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 75, 180) }
```

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

```
.background{ background-color: rgb(50, 75,  
180) }
```

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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