

Converting Colors

HunterLab(30.6931, 20.1684,
-80.8861)

Have a look what the booklet for
HunterLab(30.6931, 20.1684,
-80.8861) contains.

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Color

**HunterLab(30.7359, 19.8944,
-80.3068)**

Conversions

Conversions Part 1

Format	Color
Hex	094EC3
RGB	9, 78, 195
RGB Percent	4%, 31%, 76%
CMY	0.9645, 0.6941, 0.2353
CMYK	0.95, 0.60, 0.00, 0.24
HSL	218°, 91%, 40%
HSV	218°, 95%, 76%
XYZ	12.6873, 9.4470, 52.7844
YIQ	70.7070, -78.6810, 21.7590

Conversions

Conversions Part 2

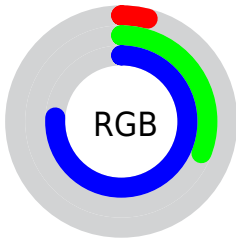
Format	Color
R _Y B	9, 59, 195
Decimal	609987
CIE Lab	36.83, 27.82, -66.02
CIE LCh	37, 71.645, 292.845
Yxy	9.4472, 0.1694, 0.1261
Android (android.graphics.Color)	4278800067 (0xFF094EC3)
YUV	70.7070, 61.2764, -54.1170
Hunter-Lab	30.7359, 19.8944, -80.3068

Details

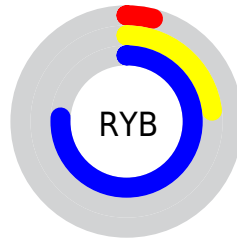
The HunterLab color **30.7359, 19.8944, -80.3068** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **51.5309, 13.8136, 31.6962**, and the grayscale version is **24.8122, -1.3239, 1.3481**.

A 20% lighter version of the original color is **49.6651, 22.1162, -79.9471**, and **17.5941, 23.3329, -72.3602** is the 20% darker color. If you saturate the color by 10%, you get **29.3517, 22.7543, -85.8071**, and if you desaturate by 10%, it is **33.9888, 14.1647, -68.8716**.

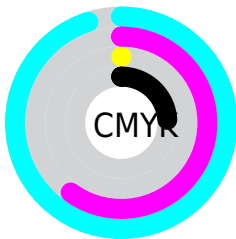
Distribution



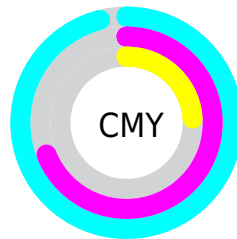
- Red (4%)
- Green (31%)
- Blue (76%)



- Red (4%)
- Yellow (23%)
- Blue (76%)



- Cyan (95%)
- Magenta (60%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (69%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7359, 19.8944, -80.3068 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 30.7359, 19.8944, -80.3068 by changing the saturation by 10% instead.

■ 30.7359, 19.8944,
-80.3068

■ 30.7359, 19.8944,
-80.3068

■ 136.6307, 25.5626,
-84.2287

■ 22.4365, 18.7295,
-82.7152

■ 49.7497, 21.8254,
-79.2580

■ 15.0573, 17.4142,
-88.2925

■ 60.3400, 22.6163,
-79.5686

■ 8.6964, 16.1704,
-102.5298

■ 71.5904, 23.3077,
-80.1360

0.0000, INF, -NF

■ 83.4644, 23.9093,
-80.8534

0.0000, NaN, -NF

■ 95.9307, 24.4292,
-81.6559

0.0000, NaN, -NF

108.9625, 24.8744,

0.0000, NaN, NaN

-82.5023

0.0000, NaN, NaN

122.5361, 25.2505,
-83.3658

■ 30.7359, 19.8944,
-80.3068

■ 30.7359, 19.8944,
-80.3068

■ 29.3517, 22.7543,
-85.8071

■ 33.9888, 14.1647,
-68.8716

■ 37.6539, 9.3643,
-57.9306

■ 41.6772, 5.4892,
-47.6713

■ 46.0070, 2.4531,
-38.1441

■ 50.5989, 0.1435,
-29.3168

■ 55.4165, -1.5514,
-21.1186

■ 60.4299, -2.7307,
-13.4672

■ 65.6153, -3.4784,
-6.2819

■ 70.9531, -3.8640,
0.5101

Harmonies

Analogous

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



30.7362, -7.5348, -90.4684



30.7359, 19.8944, -80.3068



30.7362, 48.2442, -42.1656

Triad

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



30.7362, 19.8961, -80.3060



30.7362, 34.0913, 20.6521



30.7362, -36.8185, 6.9520

Complementary

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



30.7359, 19.8944, -80.3068



51.5309, 13.8136, 31.6962

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.



30.7362, -31.8549, 18.6449



30.7359, 19.8944, -80.3068



30.7362, 4.7320, 21.5154

Square

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



30.7362, 19.8961, -80.3060



30.7362, 58.1378, 14.8648



30.7362, -18.5113, 21.5154



30.7362, -35.1195, -22.6203

Rectangle

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



30.7359, 19.8944, -80.3068



30.7362, 60.9416, -15.5884



30.7362, -18.5113, 21.5154



30.7362, -35.9494, 12.5269

Sweetspot

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



30.7362, 19.8961, -80.3060



78.1017, -3.0853, -22.1255



63.6685, -46.2407, 20.7529



35.1891, -1.1070, -12.4550

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



30.7362, 19.8961, -80.3060



38.7220, 31.8569, -117.1690



21.0324, 52.3536, -131.6673



32.1654, -1.7529, -1.0116



23.9751, 17.5740, -67.9039



6.1705, 1.1105, -10.1097

Inverse Universe

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



35.1404, 60.3088, 10.5482



46.4552, 81.2806, 16.6483



69.2598, -26.1922, 41.9968



31.8407, 1.5960, 1.3007



28.0402, 49.1670, 9.2243



5.9421, 10.6348, 0.2826

Previews

White Background



This preview shows how the HunterLab color 30.7359, 19.8944, -80.3068 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 30.7359, 19.8944, -80.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

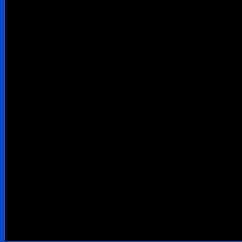
Any Text WCAG AA × Fail

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 30.7359, 19.8944, -80.3068 Background



This preview shows how black text looks on a background with the HunterLab color 30.7359, 19.8944, -80.3068.



This preview shows how white text looks on a background with the HunterLab color 30.7359, 19.8944, -80.3068.

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

30.7359, 19.8944, -80.3068

Protanopia

30.5305, 10.4736, -60.7699

Deuteranopia

30.6254, -0.2152, -37.8144



Tritanopia

30.5369, -14.9704, -5.8518

Trichromacy



Original Color

30.7359, 19.8944, -80.3068

Protanomaly

30.5338, 13.9539, -67.9324

Deuteranomaly

30.5064, 6.6540, -52.1395

Tritanomaly

29.9027, -4.2532, -27.8323

Monochromacy



Original Color

30.7359, 19.8944, -80.3068

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.0517, 1.1393, -21.5312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7359, 19.8944, -80.3068 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(9, 78, 195)` looks like.

```
.text, #text, p{  
    color:rgb(9, 78, 195)  
}
```

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(9, 78, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 78, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7359, 19.8944, -80.3068 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(9, 78, 195) }
```


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

```
.border{ border-color:rgb(9, 78, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 78, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 78, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 78, 195);  
box-shadow:4px 4px 4px 4px rgb(9, 78, 195)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.7359, 19.8944, -80.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 78, 195) }
```

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

```
.background{ background-color: rgb(9, 78,  
195) }
```

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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