

Converting Colors

HunterLab(26.8713, 30.3054,
-99.0075)

Have a look what the booklet for
HunterLab(26.8713, 30.3054,
-99.0075) contains.

HunterLab(26.9498, 30.2914, -99.0754)	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(26.9498, 30.2914,
-99.0754)**

Conversions

Conversions Part 1	
Format	Color
Hex	003CC5
RGB	0, 60, 197
RGB Percent	0%, 24%, 77%
CMY	0.9998, 0.7647, 0.2274
CMYK	1.00, 0.70, 0.00, 0.23
HSL	222°, 100%, 39%
HSV	222°, 100%, 77%
XYZ	11.6939, 7.2629, 53.6088
YIQ	57.6780, -79.7370, 29.8870

Conversions

Conversions Part 2

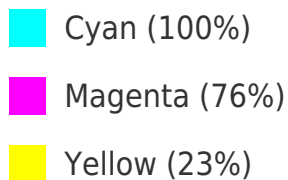
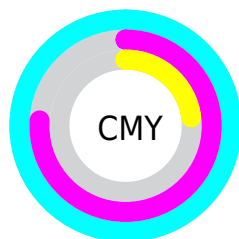
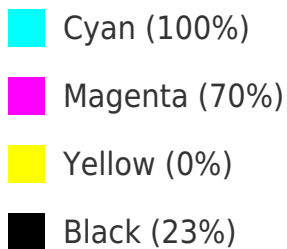
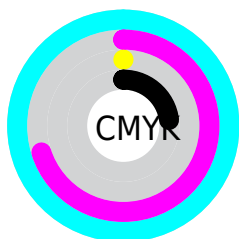
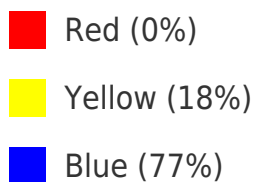
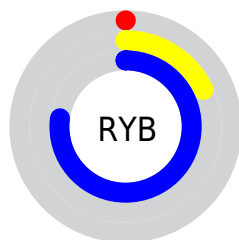
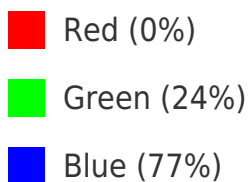
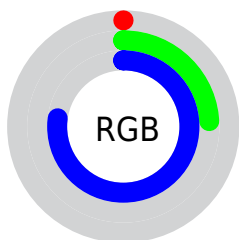
Format	Color
RYB	0, 46, 197
Decimal	15557
CIELab	32.40, 40.07, -74.48
CIELCh	32, 84.577, 298.280
Yxy	7.2630, 0.1612, 0.1001
Android (android.graphics.Color)	4278205637 (0xFF003CC5)
YUV	57.6780, 68.6857, -50.5836
Hunter-Lab	26.9498, 30.2914, -99.0754

Details

The HunterLab color **26.9498, 30.2914, -99.0754** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **54.5659, 9.1192, 33.7816**, and the grayscale version is **20.2554, -1.0808, 1.1005**.

A 20% lighter version of the original color is **45.2158, 33.6323, -95.6054**, and **15.5523, 31.4945, -87.4266** is the 20% darker color. If you saturate the color by 10%, you get **26.9438, 30.3087, -99.1052**, and if you desaturate by 10%, it is **30.0583, 23.3522, -85.2637**.













Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.9498, 30.2914, -99.0754 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 26.9498, 30.2914, -99.0754 by changing the saturation by 10% instead.

 26.9498, 30.2914, -99.0754	 26.9498, 30.2914, -99.0754
 130.3195, 40.6546, -98.8353	 19.0450, 28.5920, -104.6510
 45.2774, 33.3543, -95.2610	 12.1130, 26.8638, -116.8379
 55.5614, 34.7002, -94.9418	 5.1528, 35.7912, -183.9863
 66.5241, 35.9316, -95.1208	0.0000, INF, -NF
 78.1258, 37.0572, -95.6055	0.0000, NaN, -NF
 90.3331, 38.0853, -96.2803	0.0000, NaN, -NF
 103.1173, 39.0232,	0.0000, NaN, NaN

-97.0726

0.0000, NaN, NaN

116.4534, 39.8777,
-97.9349

■ 26.9498, 30.2914,
-99.0754

■ 26.9498, 30.2914,
-99.0754

■ 26.9438, 30.3087,
-99.1052

■ 30.0583, 23.3522,
-85.2637

■ 33.6947, 17.1745,
-71.8864

■ 37.8070, 11.9965,
-59.3329

■ 42.3144, 7.7813,
-47.8050

■ 47.1497, 4.4111,
-37.2941

■ 52.2594, 1.7510,
-27.6974

■ 57.6019, -0.3232,
-18.8833

■ 63.1447, -1.9170,
-10.7229

■ 68.8625, -3.1159,
-3.1024

Harmonies

Analogous

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



26.9500, -3.0879, -123.0721



26.9498, 30.2914, -99.0754



26.9500, 64.0546, -43.8010

Triad

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



26.9500, 30.2937, -99.0749



26.9500, 34.4741, 18.8650



26.9500, -37.5428, 3.0066

Complementary

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



26.9498, 30.2914, -99.0754



54.5659, 9.1192, 33.7816

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.



26.9500, -34.3059, 17.1128



26.9498, 30.2914, -99.0754



26.9500, 0.2497, 18.8650

Square

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



26.9500, 30.2937, -99.0749



26.9500, 67.1002, 16.4217



26.9500, -23.0505, 18.8650



26.9500, -35.0089, -37.5599

Rectangle

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



26.9498, 30.2914, -99.0754



26.9500, 77.4889, -11.6425



26.9500, -23.0505, 18.8650



26.9500, -37.1360, 10.1520

Sweetspot

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



26.9500, 30.2937, -99.0749



76.7369, -0.3146, -25.8183



64.5537, -45.7373, 18.0495



34.0724, 0.3707, -14.2356

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



26.9500, 30.2937, -99.0749



35.5184, 42.1121, -135.3029



20.9999, 55.1476, -135.2339



32.8714, -1.5085, -1.2668



22.1482, 23.7470, -78.9462



6.0155, 2.2927, -12.4680

Inverse Universe

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



34.9249, 60.7373, 15.3270



46.6955, 81.1339, 21.1315



68.9192, -30.8845, 41.9259



32.6944, 1.5557, 1.5896



28.3464, 49.3468, 12.0947



6.2733, 11.1236, 1.1059

Previews

White Background



This preview shows how the HunterLab color 26.9498, 30.2914, -99.0754 looks on a white background.

Color Contrast Check

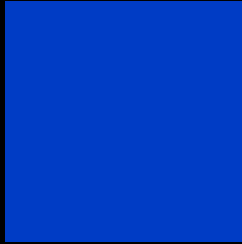
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9498, 30.2914, -99.0754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

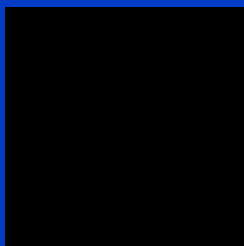
Any Text WCAG AA × Fail

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 26.9498, 30.2914, -99.0754 Background



This preview shows how black text looks on a background with the HunterLab color 26.9498, 30.2914, -99.0754.



This preview shows how white text looks on a background with the HunterLab color 26.9498, 30.2914, -99.0754.

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

26.9498, 30.2914, -99.0754

Protanopia

26.9520, 8.2355, -51.4657

Deuteranopia

26.9405, -1.0254, -31.4598



Tritanopia

26.8668, -13.4543, -4.5373

Trichromacy



Original Color
26.9498, 30.2914, -99.0754

Protanomaly
26.7554, 15.7826, -67.5121

Deuteranomaly
26.5236, 9.5633, -53.7966

Tritanomaly
25.9372, -0.7898, -30.7143

Monochromacy



Original Color
26.9498, 30.2914, -99.0754

Achromatopsia
20.5697, -1.0975, 1.1176

Achromatomaly
21.5067, 4.5861, -26.5530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.9498, 30.2914, -99.0754 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(0, 60, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 197)  
}
```

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(0, 60, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 26.9498, 30.2914, -99.0754 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(0, 60, 197) }
```


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

```
.border{ border-color:rgb(0, 60, 197) }
```

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

Here you see how a box with a 4 pixel rgb(0, 60, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 60, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 60, 197)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 26.9498, 30.2914, -99.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 197) }
```

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

```
.background{ background-color: rgb(0, 60,  
197) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor