

Converting Colors

HunterLab(23.3610, -5.0075,
-16.0225)

Have a look what the booklet for
HunterLab(23.3610, -5.0075,
-16.0225) contains.

HunterLab(23.5120, -5.0809, -16.0040)	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(23.5120, -5.0809,
-16.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	0F4764
RGB	15, 71, 100
RGB Percent	6%, 28%, 39%
CMY	0.9411, 0.7216, 0.6078
CMYK	0.85, 0.29, 0.00, 0.61
HSL	200°, 74%, 23%
HSV	200°, 85%, 39%
XYZ	4.7505, 5.5281, 12.8733
YIQ	57.5620, -42.6850, -2.8530

Conversions

Conversions Part 2

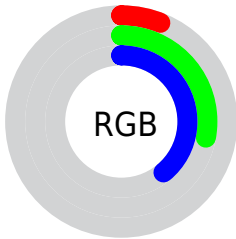
Format	Color
R_{YB}	15, 49, 100
Decimal	1001316
CIE _{Lab}	28.19, -6.29, -21.97
CIE _{LCh}	28, 22.856, 254.017
Yxy	5.5283, 0.2052, 0.2388
Android (android.graphics.Color)	4279191396 (0xFF0F4764)
YUV	57.5620, 20.9219, -37.3269
Hunter-Lab	23.5120, -5.0809, -16.0040

Details

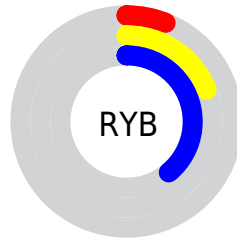
The HunterLab color **23.5120, -5.0809, -16.0040** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **21.3207, 14.9544, 12.1420**, and the grayscale version is **20.3618, -1.0865, 1.1063**.

A 20% lighter version of the original color is **41.0900, -6.7161, -17.0445**, and **10.4286, -0.1432, -12.7256** is the 20% darker color. If you saturate the color by 10%, you get **22.4435, -4.2395, -18.0954**, and if you desaturate by 10%, it is **24.6572, -5.6666, -13.8969**.

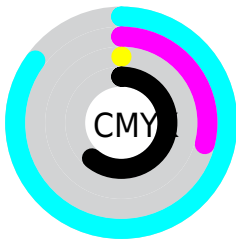
Distribution



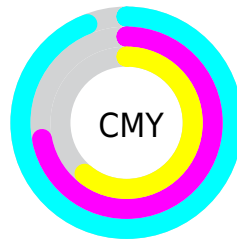
- Red (6%)
- Green (28%)
- Blue (39%)



- Red (6%)
- Yellow (19%)
- Blue (39%)



- Cyan (85%)
- Magenta (29%)
- Yellow (0%)
- Black (61%)



- Cyan (94%)
- Magenta (72%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5120, -5.0809, -16.0040 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 23.5120, -5.0809, -16.0040 by changing the saturation by 10% instead.

■ 23.5120, -5.0809,
-16.0040

■ 23.5120, -5.0809,
-16.0040

■ 124.4207,
-13.4611, -18.3537

■ 16.0014, -4.1863,
-15.5206

■ 41.1635, -6.8566,
-16.9369

■ 9.5228, -3.3913,
-15.2153

■ 51.1481, -7.7551,
-17.3216

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 61.8305, -8.6661,
-17.6427

0.0000, NaN, NaN

■ 73.1677, -9.5917,
-17.9007

0.0000, NaN, NaN

■ 85.1238, -10.5334,
-18.0979

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.6685, -11.4918,

-18.2372

0.0000, NaN, NaN

110.7751,
-12.4677, -18.3215

23.5120, -5.0809,
-16.0040

23.5120, -5.0809,
-16.0040

22.4435, -4.2395,
-18.0954

24.6572, -5.6666,
-13.8969

21.9149, -3.8031,
-19.1819

25.8872, -5.9608,
-11.7665

27.1998, -5.9745,
-9.6254

28.5909, -5.7248,
-7.4851

30.0560, -5.2324,
-5.3549

■ 31.5904, -4.5188,
-3.2417

■ 33.1895, -3.6053,
-1.1501

■ 34.8489, -2.5120,
0.9171

■ 36.5642, -1.2577,
2.9584

Harmonies

Analogous

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



23.5124, -10.7171, -10.3283



23.5120, -5.0809, -16.0040



23.5124, 2.3243, -16.2053

Triad

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



23.5124, -5.0807, -16.0035



23.5124, 14.3615, 4.3539



23.5124, -10.4253, 9.1366

Complementary

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



23.5120, -5.0809, -16.0040



21.3207, 14.9544, 12.1420

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.



23.5124, -4.6338, 11.0501



23.5120, -5.0809, -16.0040



23.5124, 9.9877, 8.9308

Square

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



23.5124, -5.0807, -16.0035



23.5124, 14.2027, -2.8008



23.5124, 2.8303, 10.9889



23.5124, -13.5294, 4.7391

Rectangle

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



23.5120, -5.0809, -16.0040



23.5124, 7.3290, -13.0914



23.5124, 2.8303, 10.9889



23.5124, -8.7621, 10.0204

Sweetspot

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



23.5124, -5.0807, -16.0035



41.6743, -6.0623, -4.4978



30.6479, -23.3678, 13.9914



20.4164, -3.1348, -2.5776



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



23.5124, -5.0807, -16.0035



28.6657, -4.4921, -26.1326



13.8164, 13.8171, -42.9831



17.4240, -1.5107, 0.0528



25.1906, -4.1403, -22.5483



56.0600, -7.1506, -54.6340

Inverse Universe

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



18.7247, 29.8043, -6.8164



23.2733, 42.7208, -7.1668



30.6155, -3.1067, 17.9350



16.9527, 0.8489, 0.1978



20.3571, 37.3980, -6.5025



46.3092, 84.7559, -12.3234

Previews

White Background



This preview shows how the HunterLab color 23.5120, -5.0809, -16.0040 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 23.5120, -5.0809, -16.0040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

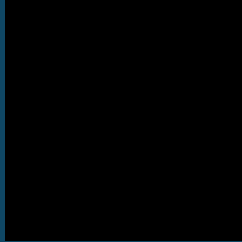
Any Text WCAG AA × Fail

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 23.5120, -5.0809, -16.0040 Background



This preview shows how black text looks on a background with the HunterLab color 23.5120, -5.0809, -16.0040.



This preview shows how white text looks on a background with the HunterLab color 23.5120, -5.0809, -16.0040.

-16.0040.

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

23.5120, -5.0809, -16.0040

Protanopia

23.6485, 1.6475, -12.5425

Deuteranopia

23.4822, 1.5702, -16.5892



Tritanopia

23.4024, -11.2322, -5.0039

Trichromacy



Original Color

23.5120, -5.0809, -16.0040

Protanomaly

23.4298, -1.5411, -14.2082

Deuteranomaly

23.3819, -1.3811, -16.8359

Tritanomaly

23.4211, -9.2407, -8.5557

Monochromacy



Original Color

23.5120, -5.0809, -16.0040

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.2798, -4.2323, -4.5240

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5120, -5.0809, -16.0040 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(15, 71, 100)` looks like.

```
.text, #text, p{  
    color:rgb(15, 71, 100)  
}
```

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(15, 71, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 71, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5120, -5.0809, -16.0040 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(15, 71, 100) }
```


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

```
.border{ border-color:rgb(15, 71, 100) }
```

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

Here you see how a box with a 4 pixel rgb(15, 71, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 71, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 71, 100);  
box-shadow:4px 4px 4px 4px rgb(15, 71,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.5120, -5.0809, -16.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 71, 100) }
```

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

```
.background{ background-color: rgb(15, 71,  
100) }
```

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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