

Converting Colors

HunterLab(41.8340, 6.0886,
-56.6027)

Have a look what the booklet for
HunterLab(41.8340, 6.0886,
-56.6027) contains.

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Color

**HunterLab(41.9523, 5.9470,
-56.5695)**

Conversions

Conversions Part 1

Format	Color
Hex	3174CE
RGB	49, 116, 206
RGB Percent	19%, 45%, 81%
CMY	0.8078, 0.5451, 0.1922
CMYK	0.76, 0.44, 0.00, 0.19
HSL	214°, 62%, 50%
HSV	214°, 76%, 81%
XYZ	18.6526, 17.6000, 60.8065
YIQ	106.2270, -68.8220, 13.7860

Conversions

Conversions Part 2

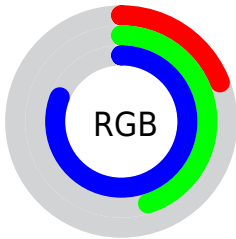
Format	Color
R_{YB}	49, 96, 206
Decimal	3241166
CIE _{Lab}	49.01, 10.36, -52.62
CIE _{LCh}	49, 53.628, 281.137
Yxy	17.6005, 0.1922, 0.1813
Android (android.graphics.Color)	4281431246 (0xFF3174CE)
YUV	106.2270, 49.1881, -50.1881
Hunter-Lab	41.9523, 5.9470, -56.5695

Details

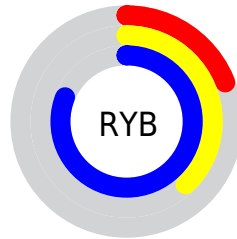
The HunterLab color **41.9523, 5.9470, -56.5695** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **56.4024, 12.8303, 31.9237**, and the grayscale version is **37.8899, -2.0217, 2.0586**.

A 20% lighter version of the original color is **62.1606, 3.7995, -51.8692**, and **25.4767, 9.4635, -52.2726** is the 20% darker color. If you saturate the color by 10%, you get **38.2729, 10.4450, -66.6923**, and if you desaturate by 10%, it is **45.9706, 2.3859, -46.9429**.

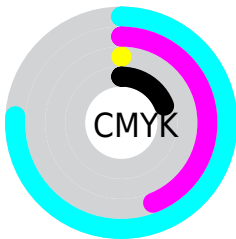
Distribution



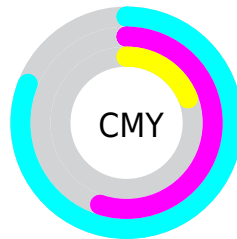
- Red (19%)
- Green (45%)
- Blue (81%)



- Red (19%)
- Yellow (38%)
- Blue (81%)



- Cyan (76%)
- Magenta (44%)
- Yellow (0%)
- Black (19%)



- Cyan (81%)
- Magenta (55%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9523, 5.9470, -56.5695 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 41.9523, 5.9470, -56.5695 by changing the saturation by 10% instead.

■ 41.9523, 5.9470,
-56.5695

■ 41.9523, 5.9470,
-56.5695

■ 154.4699, 4.1281,
-62.8487

■ 32.6551, 5.8385,
-56.3759

■ 62.7339, 5.9331,
-57.7362

■ 24.1683, 5.6338,
-56.8070

■ 74.1229, 5.8268,
-58.4755

■ 16.5792, 5.3136,
-58.5805

■ 86.1283, 5.6631,
-59.2441

■ 10.0099, 4.8466,
-63.7277

■ 98.7199, 5.4469,
-60.0140

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.8714, 5.1823,
-60.7681

0.0000, NaN, -NF

125.5602, 4.8725,

0.0000, NaN, NaN

-61.4959

0.0000, NaN, NaN

139.7657, 4.5202,
-62.1908

■ 41.9523, 5.9470,
-56.5695

■ 41.9523, 5.9470,
-56.5695

■ 38.2729, 10.4450,
-66.6923

■ 45.9706, 2.3859,
-46.9429

■ 34.9674, 15.8822,
-77.1850

■ 50.2851, -0.3185,
-37.8697

■ 33.7932, 18.0995,
-81.3101

■ 54.8594, -2.2675,
-29.3445

■ 59.6608, -3.5656,
-21.3296

■ 64.6623, -4.3086,
-13.7723

■ 69.8408, -4.5796,
-6.6161

■ 75.1774, -4.4490,
0.1935

■ 80.6562, -3.9751,
6.7060

■ 86.2639, -3.2065,
12.9653

Harmonies

Analogous

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



41.9529, -14.6528, -53.6737



41.9523, 5.9470, -56.5695



41.9529, 28.1705, -38.8132

Triad

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



41.9529, 5.9479, -56.5684



41.9529, 33.1874, 20.6528



41.9529, -34.3317, 13.0085

Complementary

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



41.9523, 5.9470, -56.5695



56.4024, 12.8303, 31.9237

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.



41.9529, -25.8823, 22.2790



41.9523, 5.9470, -56.5695



41.9529, 11.8065, 24.9287

Square

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



41.9529, 5.9479, -56.5684



41.9529, 45.8573, 9.1198



41.9529, -9.8459, 25.3225



41.9529, -35.2797, -5.9403

Rectangle

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



41.9523, 5.9470, -56.5695



41.9529, 39.8831, -21.1505



41.9529, -9.8459, 25.3225



41.9529, -32.3671, 17.0491

Sweetspot

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



41.9529, 5.9479, -56.5684



84.2109, -5.6430, -14.8185



68.2864, -46.5080, 20.3958



37.8587, -2.5151, -8.4289

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.9529, 5.9479, -56.5684



46.1659, 17.2556, -92.7536



27.5651, 42.8825, -107.8616



34.0851, -2.1020, -0.8995



26.8624, 13.4331, -62.5740



7.2232, 0.8026, -10.7609

Inverse Universe

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



40.7191, 58.9590, 2.0641



48.2443, 82.2769, 8.5530



74.8587, -23.0563, 43.4215



33.6033, 1.7916, 1.1470



29.2086, 51.5662, 6.8932



6.7470, 12.1232, -0.0497

Previews

White Background



This preview shows how the HunterLab color 41.9523, 5.9470, -56.5695 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 × Fail

Black Background



This preview shows how the HunterLab color 41.9523, 5.9470, -56.5695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

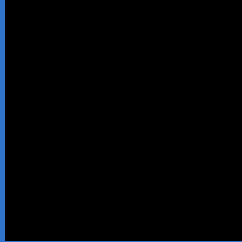
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.9523, 5.9470, -56.5695 Background



This preview shows how black text looks on a background with the HunterLab color 41.9523, 5.9470, -56.5695.



This preview shows how white text looks on a background with the HunterLab color 41.9523, 5.9470, -56.5695.

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

41.9523, 5.9470, -56.5695

Protanopia

41.9737, 9.8399, -53.7728

Deuteranopia

42.0953, 3.5702, -56.2426



Tritanopia

41.8754, -20.2644, -8.5955

Trichromacy



Original Color

41.9523, 5.9470, -56.5695

Protanomaly

41.8957, 8.3287, -54.8829

Deuteranomaly

41.9415, 4.4910, -56.6230

Tritanomaly

41.4587, -11.9833, -24.2165

Monochromacy



Original Color

41.9523, 5.9470, -56.5695

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.7765, -2.4701, -15.2788

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9523, 5.9470, -56.5695 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(49, 116, 206)` looks like.

```
.text, #text, p{  
    color:rgb(49, 116, 206)  
}
```

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(49, 116, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 116, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9523, 5.9470, -56.5695 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(49, 116, 206) }
```


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

```
.border{ border-color:rgb(49, 116, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 116, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 116, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 116, 206);  
box-shadow:4px 4px 4px 4px rgb(49, 116,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9523, 5.9470, -56.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 116, 206) }
```

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

```
.background{ background-color: rgb(49, 116,  
206) }
```

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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