

Converting Colors

HunterLab(46.9357, 16.3299,
-77.1576)

Have a look what the booklet for
HunterLab(46.9357, 16.3299,
-77.1576) contains.

HunterLab(46.8969, 16.3503, -77.0197)	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(46.8969, 16.3503,
-77.0197)**

Conversions

Conversions Part 1

Format	Color
Hex	497BF2
RGB	73, 123, 242
RGB Percent	29%, 48%, 95%
CMY	0.7137, 0.5176, 0.0510
CMYK	0.70, 0.49, 0.00, 0.05
HSL	222°, 87%, 62%
HSV	222°, 70%, 95%
XYZ	25.8576, 21.9932, 86.8866
YIQ	121.6160, -67.9990, 26.4090

Conversions

Conversions Part 2

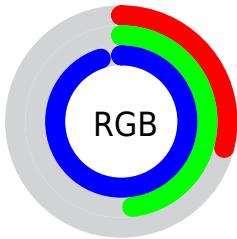
Format	Color
R _Y B	73, 112, 242
Decimal	4815858
CIE Lab	54.02, 22.17, -64.78
CIE LCh	54, 68.472, 288.895
Yxy	21.9938, 0.1919, 0.1632
Android (android.graphics.Color)	4283005938 (0xFF497BF2)
YUV	121.6160, 59.3493, -42.6362
Hunter-Lab	46.8969, 16.3503, -77.0197

Details

The HunterLab color **46.8969, 16.3503, -77.0197** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **75.5398, 1.7236, 41.6286**, and the grayscale version is **43.7631, -2.3351, 2.3777**.

A 20% lighter version of the original color is **65.8551, 4.0898, -44.5251**, and **29.2146, 17.7522, -74.8375** is the 20% darker color. If you saturate the color by 10%, you get **41.6639, 23.2038, -93.4642**, and if you desaturate by 10%, it is **52.6615, 10.7623, -61.9405**.

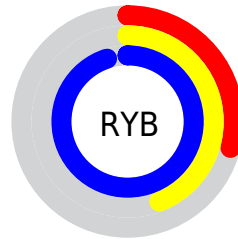
Distribution



Red (29%)

Green (48%)

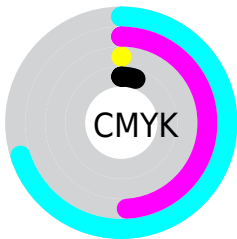
Blue (95%)



Red (29%)

Yellow (44%)

Blue (95%)

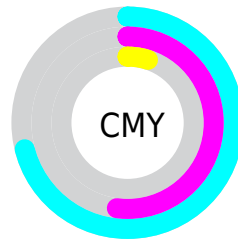


Cyan (70%)

Magenta (49%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (52%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8969, 16.3503, -77.0197 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 46.8969, 16.3503, -77.0197 by changing the saturation by 10% instead.

■ 46.8969, 16.3503,
-77.0197

■ 46.8969, 16.3503,
-77.0197

162.0229, 18.7180,
-83.5157

■ 37.2188, 15.6794,
-77.2423

■ 68.3636, 17.3904,
-77.8174

■ 28.3162, 14.8861,
-78.3451

■ 80.0657, 17.7792,
-78.5166

■ 20.2645, 13.9526,
-81.1655

■ 92.3683, 18.0923,
-79.3064

■ 13.1655, 12.8594,
-87.8043

■ 105.2437, 18.3362,
-80.1430

■ 6.6715, 14.2877,
-113.7667

118.6672, 18.5164,
-80.9980

0.0000, NaN, -NF

0.0000, NaN, -NF

132.6173, 18.6375,

-81.8529

0.0000, NaN, -NF

147.0750, 18.7036,
-82.6949

0.0000, NaN, -NF

■ 46.8969, 16.3503,
-77.0197

■ 46.8969, 16.3503,
-77.0197

■ 41.6639, 23.2038,
-93.4642

■ 52.6615, 10.7623,
-61.9405

■ 37.0725, 31.3440,
-110.9562

■ 58.8623, 6.2856,
-48.2346

■ 33.2149, 40.4437,
-128.7774

■ 65.4267, 2.7422,
-35.7620

■ 33.1548, 40.5997,
-129.0836

■ 72.2979, -0.0348,
-24.3416

■ 79.4321, -2.1861,
-13.7958

■ 86.7951, -3.8261,
-3.9683

■ 94.3599, -5.0455,
5.2723

■ 99.5946, -7.5612,
11.2281

Harmonies

Analogous

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



46.8976, -12.4864, -81.3507



46.8969, 16.3503, -77.0197



46.8976, 45.6729, -45.5142

Triad

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



46.8976, 16.3515, -77.0184



46.8976, 38.6725, 27.1435



46.8976, -44.6922, 11.4307

Complementary

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



46.8969, 16.3503, -77.0197



75.5398, 1.7236, 41.6286

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.



46.8976, -36.7316, 25.3616



46.8969, 16.3503, -77.0197



46.8976, 8.3883, 30.1883

Square

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



46.8976, 16.3515, -77.0184



46.8976, 60.5150, 16.3584



46.8976, -18.7845, 29.8159



46.8976, -43.5297, -17.3807

Rectangle

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



46.8969, 16.3503, -77.0197



46.8976, 59.4633, -20.0432



46.8976, -18.7845, 29.8159



46.8976, -43.0873, 17.5719

Sweetspot

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



46.8976, 16.3515, -77.0184



83.3521, -2.0709, -15.9714



82.8834, -50.4192, 14.8048



37.5846, -0.6841, -8.7969

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.8976, 16.3515, -77.0184



41.9773, 28.2689, -107.2659



37.8039, 49.2935, -107.5921



39.9884, -1.7806, -1.6659



24.7212, 28.5357, -92.4997



8.2156, 5.4048, -21.9362

Inverse Universe

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



50.0739, 64.1448, 9.7902



48.8210, 77.3857, 15.4800



87.9915, -34.2474, 49.3718



39.7942, 1.9732, 1.9719



32.2650, 56.0893, 14.3795



9.3960, 16.5083, 2.8363

Previews

White Background



This preview shows how the HunterLab color 46.8969, 16.3503, -77.0197 looks on a white background.

Color Contrast Check

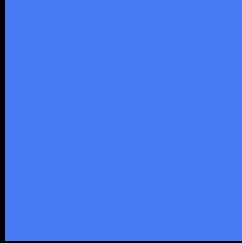
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.8969, 16.3503, -77.0197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

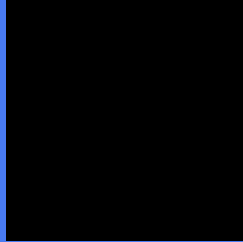
Any Text WCAG AA ✓ Pass

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 46.8969, 16.3503, -77.0197 Background



This preview shows how black text looks on a background with the HunterLab color 46.8969, 16.3503, -77.0197.



This preview shows how white text looks on a background with the HunterLab color 46.8969, 16.3503, -77.0197.

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

46.8969, 16.3503, -77.0197

Protanopia

46.8087, 14.8381, -78.3010

Deuteranopia

46.8463, 3.3674, -65.8232



Tritanopia

46.8807, -22.4335, -10.1693

Trichromacy



Original Color

46.8969, 16.3503, -77.0197

Protanomaly

46.9517, 15.2820, -77.8778

Deuteranomaly

46.4886, 7.0432, -70.5077

Tritanomaly

46.2455, -10.9931, -31.2539

Monochromacy



Original Color

46.8969, 16.3503, -77.0197

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.2892, 1.2925, -20.9821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8969, 16.3503, -77.0197 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(73, 123, 242)` looks like.

```
.text, #text, p{  
    color:rgb(73, 123, 242)  
}
```

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(73, 123, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 123, 242) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8969, 16.3503, -77.0197 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(73, 123, 242) }
```


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

```
.border{ border-color:rgb(73, 123, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 123, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 123, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 123, 242);  
box-shadow:4px 4px 4px 4px rgb(73, 123,  
242) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8969, 16.3503, -77.0197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 123, 242) }
```

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

```
.background{ background-color: rgb(73, 123,  
242) }
```

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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