

Converting Colors

HunterLab(40.8894, 19.6993,
-77.1287)

Have a look what the booklet for
HunterLab(40.8894, 19.6993,
-77.1287) contains.

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Color

**HunterLab(40.8390, 19.5359,
-76.8754)**

Conversions

Conversions Part 1

Format	Color
Hex	4369E0
RGB	67, 105, 224
RGB Percent	26%, 41%, 88%
CMY	0.7372, 0.5882, 0.1216
CMYK	0.70, 0.53, 0.00, 0.12
HSL	225°, 72%, 57%
HSV	225°, 70%, 88%
XYZ	20.8208, 16.6782, 72.6428
YIQ	107.2040, -60.8470, 28.9530

Conversions

Conversions Part 2

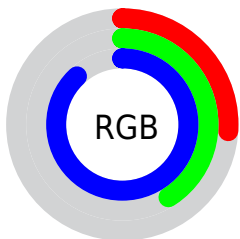
Format	Color
R _{YB}	67, 98, 224
Decimal	4418016
CIE _{Lab}	47.85, 26.19, -64.67
CIE _{LCh}	48, 69.770, 292.044
Yxy	16.6787, 0.1890, 0.1514
Android (android.graphics.Color)	4282608096 (0xFF4369E0)
YUV	107.2040, 57.5804, -35.2589
Hunter-Lab	40.8390, 19.5359, -76.8754

Details

The HunterLab color **40.8390, 19.5359, -76.8754** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **71.6762, -2.6208, 39.7268**, and the grayscale version is **38.2275, -2.0397, 2.0770**.

A 20% lighter version of the original color is **59.9862, 12.8949, -56.3207**, and **24.4030, 20.4337, -74.6123** is the 20% darker color. If you saturate the color by 10%, you get **35.9358, 26.5773, -93.7436**, and if you desaturate by 10%, it is **46.3035, 13.6899, -61.5285**.

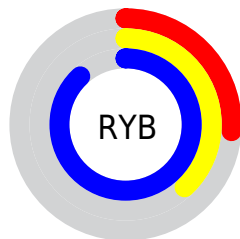
Distribution



Red (26%)

Green (41%)

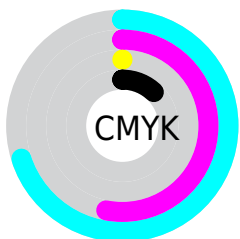
Blue (88%)



Red (26%)

Yellow (38%)

Blue (88%)

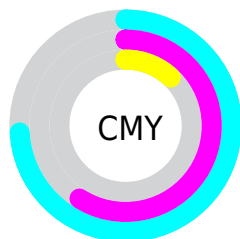


Cyan (70%)

Magenta (53%)

Yellow (0%)

Black (12%)



Cyan (74%)

Magenta (59%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8390, 19.5359, -76.8754 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 40.8390, 19.5359, -76.8754 by changing the saturation by 10% instead.

■ 40.8390, 19.5359,
-76.8754

■ 40.8390, 19.5359,
-76.8754

152.7462, 23.7690,
-82.8163

■ 31.6318, 18.5991,
-77.5642

■ 61.4593, 21.0628,
-77.2642

■ 23.2438, 17.5237,
-79.5603

■ 72.7751, 21.6757,
-77.8769

■ 15.7653, 16.2971,
-84.2975

■ 84.7109, 22.2019,
-78.6184

■ 9.3238, 14.9323,
-95.9549

■ 97.2361, 22.6493,
-79.4305

0.0000, INF, -NF

0.0000, NaN, -NF

110.3242, 23.0246,
-80.2766

0.0000, NaN, -NF

123.9519, 23.3332,

0.0000, NaN, -NF

-81.1327

0.0000, NaN, NaN

138.0987, 23.5800,
-81.9828

■ 40.8390, 19.5359,
-76.8754

■ 40.8390, 19.5359,
-76.8754

■ 35.9358, 26.5773,
-93.7436

■ 46.3035, 13.6899,
-61.5285

■ 31.7278, 34.7507,
-111.6247

■ 52.2183, 8.9094,
-47.7390

■ 28.3539, 43.4487,
-129.2332

■ 58.5011, 5.0195,
-35.3364

■ 65.0896, 1.8521,
-24.0975

■ 71.9370, -0.7344,
-13.8089

■ 79.0078, -2.8532,
-4.2872

■ 86.2745, -4.5934,
4.6175

■ 93.7156, -6.0243,
13.0257

■ 99.0767, -10.4179,
18.6664

Harmonies

Analogous

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



40.8396, -9.2215, -85.0977



40.8390, 19.5359, -76.8754



40.8396, 48.2247, -42.1853

Triad

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



40.8396, 19.5372, -76.8742



40.8396, 35.5435, 25.2862



40.8396, -42.3621, 8.5700

Complementary

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



40.8390, 19.5359, -76.8754



71.6762, -2.6208, 39.7268

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.



40.8396, -35.9780, 22.5971



40.8390, 19.5359, -76.8754



40.8396, 5.3707, 27.2270

Square

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



40.8396, 19.5372, -76.8742



40.8396, 59.0347, 16.9163



40.8396, -20.1364, 26.7361



40.8396, -40.4452, -21.4202

Rectangle

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



40.8390, 19.5359, -76.8754



40.8396, 61.0056, -16.4454



40.8396, -20.1364, 26.7361



40.8396, -41.1917, 14.8533

Sweetspot

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



40.8396, 19.5372, -76.8742



82.4622, -0.5589, -17.2195



76.1561, -44.9045, 10.5135



37.1212, 0.1071, -9.4674

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.8396, 19.5372, -76.8742



39.3090, 34.9190, -117.8639



35.3232, 46.5119, -95.7897



37.1204, -1.3897, -1.7287



21.9770, 32.0418, -96.6383



6.8808, 5.3656, -20.1830

Inverse Universe

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



45.6977, 57.9075, 11.8326



48.5962, 76.5215, 18.7529



80.0003, -33.7551, 44.7682



37.0873, 1.7211, 2.0755



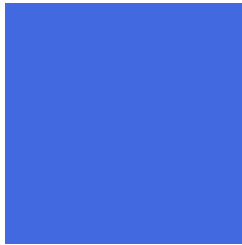
30.6523, 53.0519, 15.4738



8.1563, 14.2851, 2.8113

Previews

White Background



This preview shows how the HunterLab color 40.8390, 19.5359, -76.8754 looks on a white background.

Color Contrast Check

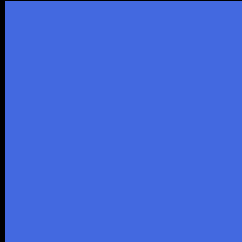
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.8390, 19.5359, -76.8754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

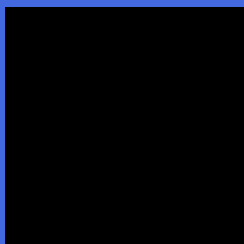
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 40.8390, 19.5359, -76.8754 Background



This preview shows how black text looks on a background with the HunterLab color 40.8390, 19.5359, -76.8754.



This preview shows how white text looks on a background with the HunterLab color 40.8390, 19.5359, -76.8754.

-76.8754.

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

40.8390, 19.5359, -76.8754

Protanopia

40.9369, 15.1239, -80.8154

Deuteranopia

40.5937, 2.2775, -55.6551



Tritanopia

40.5173, -19.3307, -8.9137

Trichromacy



Original Color

40.8390, 19.5359, -76.8754

Protanomaly

40.9177, 16.2624, -79.8057

Deuteranomaly

40.2076, 7.6369, -64.0406

Tritanomaly

39.9263, -8.0399, -29.8283

Monochromacy



Original Color

40.8390, 19.5359, -76.8754

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.4518, 2.6795, -20.7504

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8390, 19.5359, -76.8754 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(67, 105, 224)` looks like.

```
.text, #text, p{  
    color:rgb(67, 105, 224)  
}
```

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(67, 105, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 105, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8390, 19.5359, -76.8754 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(67, 105, 224) }
```


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

```
.border{ border-color:rgb(67, 105, 224) }
```

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

Here you see how a box with a 4 pixel rgb(67, 105, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 105, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 105, 224);  
box-shadow:4px 4px 4px 4px rgb(67, 105,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8390, 19.5359, -76.8754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 105, 224) }
```

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

```
.background{ background-color: rgb(67, 105,  
224) }
```

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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