

Converting Colors

HunterLab(39.0047, 20.1848,
-70.2935)

Have a look what the booklet for
HunterLab(39.0047, 20.1848,
-70.2935) contains.

HunterLab(39.0047, 20.1848, -70.2935)	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(39.0047, 20.1848,
-70.2935)**

Conversions

Conversions Part 1

Format	Color
Hex	4C63D4
RGB	76, 99, 212
RGB Percent	30%, 39%, 83%
CMY	0.7019, 0.6118, 0.1686
CMYK	0.64, 0.53, 0.00, 0.17
HSL	230°, 61%, 56%
HSV	230°, 64%, 83%
XYZ	19.3260, 15.2137, 64.2053
YIQ	105.0050, -49.9810, 30.2670

Conversions

Conversions Part 2

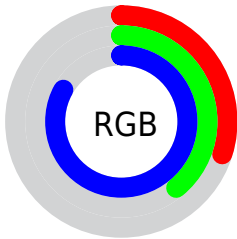
Format	Color
R_{YB}	76, 96, 212
Decimal	5006292
CIE _{Lab}	45.93, 27.10, -60.94
CIE _{LCh}	46, 66.697, 293.971
Yxy	15.2141, 0.1957, 0.1541
Android (android.graphics.Color)	4283196372 (0xFF4C63D4)
YUV	105.0050, 52.7485, -25.4374
Hunter-Lab	39.0047, 20.1848, -70.2935

Details

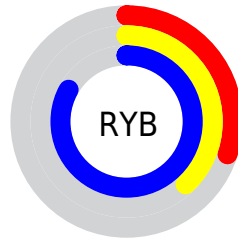
The HunterLab color **39.0047, 20.1848, -70.2935** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **71.3565, -8.1639, 38.1442**, and the grayscale version is **37.4080, -1.9960, 2.0324**.

A 20% lighter version of the original color is **58.3380, 17.5876, -59.8960**, and **22.2407, 19.4573, -69.8017** is the 20% darker color. If you saturate the color by 10%, you get **33.9154, 27.0676, -87.5175**, and if you desaturate by 10%, it is **44.6538, 14.4054, -54.9361**.

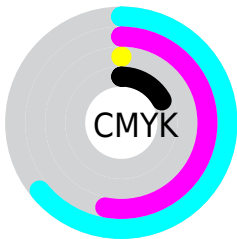
Distribution



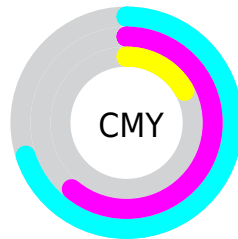
- Red (30%)
- Green (39%)
- Blue (83%)



- Red (30%)
- Yellow (38%)
- Blue (83%)



- Cyan (64%)
- Magenta (53%)
- Yellow (0%)
- Black (17%)



- Cyan (70%)
- Magenta (61%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.0047, 20.1848, -70.2935 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 39.0047, 20.1848, -70.2935 by changing the saturation by 10% instead.

■ 39.0047, 20.1848,
-70.2935

■ 39.0047, 20.1848,
-70.2935

■ 149.8861, 24.8861,
-76.3127

■ 29.9496, 19.1799,
-70.8322

■ 59.3535, 21.8353,
-70.8417

■ 21.7290, 18.0333,
-72.6162

■ 70.5458, 22.5048,
-71.4866

■ 14.4388, 16.7362,
-77.1045

■ 82.3647, 23.0847,
-72.2389

■ 8.0997, 15.9600,
-90.2629

■ 94.7785, 23.5831,
-73.0459

0.0000, INF, -NF

0.0000, NaN, -NF

■ 107.7601, 24.0071,
-73.8745

0.0000, NaN, -NF

■ 121.2855, 24.3624,

0.0000, NaN, -NF

-74.7037

0.0000, NaN, NaN

135.3338, 24.6540,
-75.5194

■ 39.0047, 20.1848,
-70.2935

■ 39.0047, 20.1848,
-70.2935

■ 33.9154, 27.0676,
-87.5175

■ 44.6538, 14.4054,
-54.9361

■ 29.5428, 35.0099,
-106.1894

■ 50.7425, 9.5840,
-41.3449

■ 26.0780, 43.5115,
-124.7841

■ 57.1856, 5.5428,
-29.2453

■ 24.5068, 48.2315,
-134.7494

■ 63.9212, 2.1201,
-18.3498

■ 70.9040, -0.8153,
-8.4087

■ 78.0999, -3.3655,
0.7797

■ 85.4831, -5.6091,
9.3741

■ 93.0334, -7.6061,
17.4977

■ 98.7590, -12.1773,
23.2472

Harmonies

Analogous

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



39.0053, -7.1581, -79.9958



39.0047, 20.1848, -70.2935



39.0053, 46.6877, -37.0814

Triad

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



39.0053, 20.1859, -70.2923



39.0053, 31.5937, 24.2532



39.0053, -40.1724, 6.7615

Complementary

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



39.0047, 20.1848, -70.2935



71.3565, -8.1639, 38.1442

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.



39.0053, -34.6404, 20.9302



39.0047, 20.1848, -70.2935



39.0053, 3.2649, 25.9376

Square

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



39.0053, 20.1859, -70.2923



39.0053, 54.3821, 16.8410



39.0053, -20.2605, 25.3129



39.0053, -37.8498, -22.3261

Rectangle

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



39.0047, 20.1848, -70.2935



39.0053, 57.9619, -13.2838



39.0053, -20.2605, 25.3129



39.0053, -39.2278, 13.0350

Sweetspot

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



39.0053, 20.1859, -70.2923



83.0000, 0.7570, -16.4243



72.2599, -38.7566, 5.2408



37.2542, 0.8442, -9.2570

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



39.0053, 20.1859, -70.2923



39.7078, 36.8123, -116.1521



37.2162, 40.8043, -75.5852



35.1349, -0.9753, -1.8866



19.5134, 36.9553, -104.1660



5.7975, 5.9280, -20.0432

Inverse Universe

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



44.7973, 49.0675, 12.8394



50.1220, 71.5169, 20.2009



74.8580, -32.7667, 40.1369



35.2913, 1.5050, 2.2760



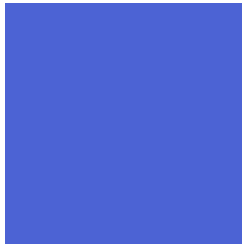
29.5453, 50.8955, 16.7788



7.3297, 12.7715, 3.0377

Previews

White Background



This preview shows how the HunterLab color 39.0047, 20.1848, -70.2935 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 39.0047, 20.1848, -70.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

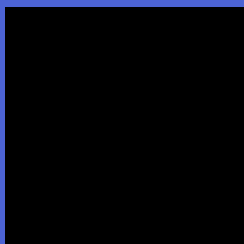
Any Text WCAG AA × Fail

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 39.0047, 20.1848, -70.2935 Background



This preview shows how black text looks on a background with the HunterLab color 39.0047, 20.1848, -70.2935.



This preview shows how white text looks on a background with the HunterLab color 39.0047, 20.1848, -70.2935.

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

39.0047, 20.1848, -70.2935

Protanopia

38.9993, 14.5222, -76.5545

Deuteranopia

39.0117, 1.7815, -52.6071



Tritanopia

39.0027, -17.6576, -7.8477

Trichromacy



Original Color

39.0047, 20.1848, -70.2935

Protanomaly

38.7537, 16.1404, -75.2299

Deuteranomaly

38.6425, 7.0319, -59.9065

Tritanomaly

38.2167, -5.9333, -27.4428

Monochromacy



Original Color

39.0047, 20.1848, -70.2935

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.5417, 3.2472, -18.4811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.0047, 20.1848, -70.2935 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(76, 99, 212)` looks like.

```
.text, #text, p{  
    color:rgb(76, 99, 212)  
}
```

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(76, 99, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 99, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 39.0047, 20.1848, -70.2935 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(76, 99, 212) }
```


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

```
.border{ border-color:rgb(76, 99, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 99, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 99, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 99, 212);  
box-shadow:4px 4px 4px 4px rgb(76, 99,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.0047, 20.1848, -70.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 99, 212) }
```

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

```
.background{ background-color: rgb(76, 99,  
212) }
```

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