

Converting Colors

HunterLab(47.0280, 18.8071,
-71.7036)

Have a look what the booklet for
HunterLab(47.0280, 18.8071,
-71.7036) contains.

HunterLab(47.0280, 18.8071, -71.7036)	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(47.0280, 18.8071,
-71.7036)**

Conversions

Conversions Part 1

Format	Color
Hex	5D79ED
RGB	93, 121, 237
RGB Percent	36%, 47%, 93%
CMY	0.6353, 0.5255, 0.0706
CMYK	0.61, 0.49, 0.00, 0.07
HSL	228°, 80%, 65%
HSV	228°, 61%, 93%
XYZ	26.6376, 22.1163, 82.9857
YIQ	125.8520, -53.9240, 30.1400

Conversions

Conversions Part 2

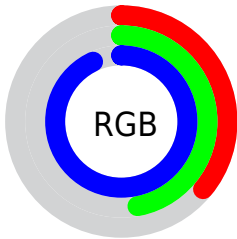
Format	Color
R_{YB}	93, 116, 237
Decimal	6126061
CIE _{Lab}	54.15, 24.84, -61.74
CIE _{LCh}	54, 66.547, 291.914
Yxy	22.1170, 0.2022, 0.1679
Android (android.graphics.Color)	4284316141 (0xFF5D79ED)
YUV	125.8520, 54.7960, -28.8112
Hunter-Lab	47.0280, 18.8071, -71.7036

Details

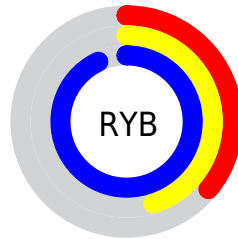
The HunterLab color **47.0280, 18.8071, -71.7036** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **80.2493, -7.6365, 41.6631**, and the grayscale version is **45.4275, -2.4239, 2.4682**.

A 20% lighter version of the original color is **66.3153, 8.6272, -43.5710**, and **28.3908, 17.0915, -72.3816** is the 20% darker color. If you saturate the color by 10%, you get **41.0800, 25.8966, -89.8707**, and if you desaturate by 10%, it is **53.5347, 12.9273, -55.5205**.

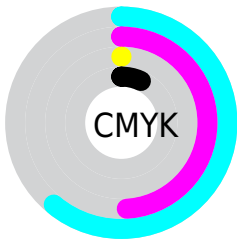
Distribution



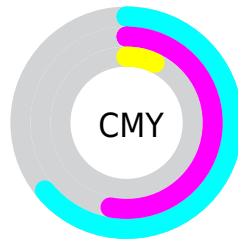
- Red (36%)
- Green (47%)
- Blue (93%)



- Red (36%)
- Yellow (45%)
- Blue (93%)



- Cyan (61%)
- Magenta (49%)
- Yellow (0%)
- Black (7%)



- Cyan (64%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0280, 18.8071, -71.7036 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 47.0280, 18.8071, -71.7036 by changing the saturation by 10% instead.

■ 47.0280, 18.8071,
-71.7036

■ 47.0280, 18.8071,
-71.7036

162.2210, 22.1236,
-78.2942

■ 37.3402, 18.0109,
-71.7332

■ 68.5123, 20.0835,
-72.6817

■ 28.4270, 17.0883,
-72.5109

■ 80.2224, 20.5843,
-73.4133

■ 20.3637, 16.0232,
-74.7593

■ 92.5327, 21.0054,
-74.2126

■ 13.2515, 14.8018,
-80.2885

■ 105.4153, 21.3538,
-75.0424

■ 6.7789, 16.0363,
-102.1679

118.8458, 21.6353,
-75.8786

0.0000, NaN, -NF

0.0000, NaN, -NF

132.8027, 21.8546,

-76.7057

0.0000, NaN, -NF

147.2669, 22.0162,
-77.5132

0.0000, NaN, NaN

■ 47.0280, 18.8071,
-71.7036

■ 47.0280, 18.8071,
-71.7036

■ 41.0800, 25.8966,
-89.8707

■ 53.5347, 12.9273,
-55.5205

■ 35.8394, 34.2747,
-109.8626

■ 60.4862, 8.0624,
-41.1243

■ 31.4955, 43.6832,
-130.6556

■ 67.8014, 4.0156,
-28.2141

■ 28.4153, 52.4538,
-148.7494

■ 75.4207, 0.6180,
-16.5005

■ 83.2996, -2.2649,
-5.7385

■ 91.4045, -4.7375,
4.2691

■ 99.3332, -8.1974,
13.2423

■ 99.4457, -8.3810,
13.3626

Harmonies

Analogous

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



47.0287, -9.6949, -78.9893



47.0280, 18.8071, -71.7036



47.0287, 46.5489, -40.0303

Triad

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



47.0287, 18.8080, -71.7022



47.0287, 34.5947, 27.3876



47.0287, -44.1290, 9.0774

Complementary

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



47.0280, 18.8071, -71.7036



80.2493, -7.6365, 41.6631

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.



47.0287, -37.2077, 24.1675



47.0280, 18.8071, -71.7036



47.0287, 5.1300, 30.0553

Square

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



47.0287, 18.8080, -71.7022



47.0287, 57.0200, 17.6851



47.0287, -20.6020, 29.3581



47.0287, -42.0857, -20.2462

Rectangle

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



47.0280, 18.8071, -71.7036



47.0287, 58.7724, -15.8062



47.0287, -20.6020, 29.3581



47.0287, -42.8430, 15.6113

Sweetspot

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



47.0287, 18.8080, -71.7022



84.2287, -0.2193, -14.6984



82.1342, -43.3093, 6.6813



37.8244, 0.3478, -8.4286

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.0287, 18.8080, -71.7022



43.1171, 30.3158, -102.9952



43.8132, 43.0567, -80.6724



38.7594, -1.1979, -2.0235



21.3353, 37.5632, -107.7555



6.9869, 7.4025, -24.7130

Inverse Universe

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



52.1682, 53.4116, 12.5218



51.4962, 69.0211, 17.5406



85.3243, -35.3905, 44.7596



38.8612, 1.7425, 2.3947



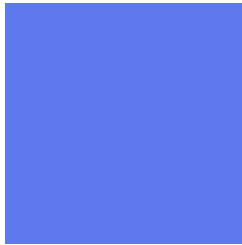
31.5473, 54.4141, 17.3745



8.9146, 15.5224, 3.7762

Previews

White Background



This preview shows how the HunterLab color 47.0280, 18.8071, -71.7036 looks on a white background.

Color Contrast Check

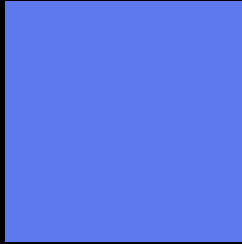
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.0280, 18.8071, -71.7036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

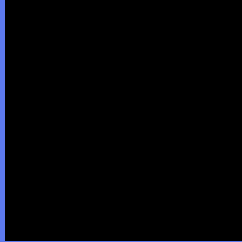
Any Text WCAG AA ✓ Pass

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 47.0280, 18.8071, -71.7036 Background



This preview shows how black text looks on a background with the HunterLab color 47.0280, 18.8071, -71.7036.



This preview shows how white text looks on a background with the HunterLab color 47.0280, 18.8071, -71.7036.

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

47.0280, 18.8071, -71.7036

Protanopia

47.1290, 14.2018, -75.4034

Deuteranopia

46.9668, 4.0116, -67.3642



Tritanopia

46.9826, -18.9214, -8.8682

Trichromacy



Original Color

47.0280, 18.8071, -71.7036

Protanomaly

47.1626, 15.5531, -74.3027

Deuteranomaly

46.3242, 7.9446, -70.9454

Tritanomaly

46.5811, -6.9603, -28.4413

Monochromacy



Original Color

47.0280, 18.8071, -71.7036

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.5477, 2.7077, -18.8475

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0280, 18.8071, -71.7036 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(93, 121, 237)` looks like.

```
.text, #text, p{  
    color:rgb(93, 121, 237)  
}
```

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(93, 121, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 121, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0280, 18.8071, -71.7036 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(93, 121, 237) }
```


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

```
.border{ border-color:rgb(93, 121, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 121, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 121, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 121, 237);  
box-shadow:4px 4px 4px 4px rgb(93, 121,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0280, 18.8071, -71.7036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 121, 237) }
```

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

```
.background{ background-color: rgb(93, 121,  
237) }
```

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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