

Converting Colors

HunterLab(47.0706, 16.8098,
-41.5698)

Have a look what the booklet for
HunterLab(47.0706, 16.8098,
-41.5698) contains.

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Color

**HunterLab(47.1771, 16.7539,
-41.6429)**

Conversions

Conversions Part 1

Format	Color
Hex	7F78CB
RGB	127, 120, 203
RGB Percent	50%, 47%, 80%
CMY	0.5019, 0.5294, 0.2039
CMYK	0.37, 0.41, 0.00, 0.20
HSL	245°, 44%, 63%
HSV	245°, 41%, 80%
XYZ	26.2484, 22.2568, 59.4125
YIQ	131.5550, -22.4710, 27.2970

Conversions

Conversions Part 2

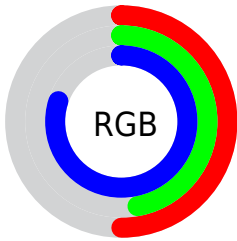
Format	Color
R_{YB}	127, 120, 203
Decimal	8353995
CIE _{Lab}	54.30, 22.59, -42.23
CIE _{LCh}	54, 47.891, 298.151
Yxy	22.2576, 0.2432, 0.2062
Android (android.graphics.Color)	4286544075 (0xFF7F78CB)
YUV	131.5550, 35.2224, -3.9947
Hunter-Lab	47.1771, 16.7539, -41.6429

Details

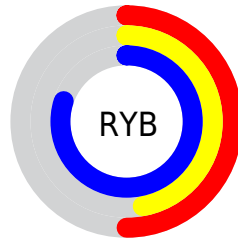
The HunterLab color $47.1771, 16.7539, -41.6429$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $74.7021, -17.2010, 31.6261$, and the grayscale version is $47.7326, -2.5469, 2.5934$.

A 20% lighter version of the original color is $68.3155, 16.5627, -39.7229$, and $28.6170, 14.8552, -40.1532$ is the 20% darker color. If you saturate the color by 10%, you get $40.7228, 23.1658, -56.7626$, and if you desaturate by 10%, it is $54.0648, 10.9827, -28.4541$.

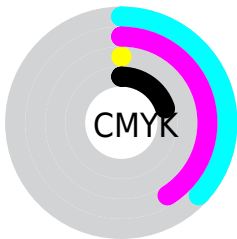
Distribution



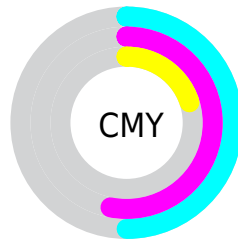
- Red (50%)
- Green (47%)
- Blue (80%)



- Red (50%)
- Yellow (47%)
- Blue (80%)



- Cyan (37%)
- Magenta (41%)
- Yellow (0%)
- Black (20%)



- Cyan (50%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1771, 16.7539, -41.6429 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 47.1771, 16.7539, -41.6429 by changing the saturation by 10% instead.

■ 47.1771, 16.7539,
-41.6429

■ 47.1771, 16.7539,
-41.6429

162.4465, 19.2551,
-46.9434

■ 37.4784, 16.0645,
-41.0363

■ 68.6814, 17.8255,
-43.0080

■ 28.5532, 15.2538,
-40.6099

■ 80.4007, 18.2302,
-43.6858

■ 20.4766, 14.3029,
-40.6007

■ 92.7197, 18.5586,
-44.3343

■ 13.3494, 13.1929,
-41.6148

105.6106, 18.8174,
-44.9450

■ 6.8990, 14.1778,
-49.0404

119.0491, 19.0121,
-45.5129

0.0000, NaN, -NF

0.0000, NaN, -NF

133.0136, 19.1473,

-46.0358

0.0000, NaN, NaN

147.4852, 19.2272,
-46.5126

0.0000, NaN, NaN

■ 47.1771, 16.7539,
-41.6429

■ 47.1771, 16.7539,
-41.6429

■ 40.7228, 23.1658,
-56.7626

■ 54.0648, 10.9827,
-28.4541

■ 34.8239, 30.3199,
-74.2065

■ 61.2979, 5.7199,
-16.7779

■ 29.6630, 38.1429,
-93.9860

■ 68.8176, 0.8471,
-6.2582

■ 25.4900, 46.0684,
-114.9070

■ 76.5809, -3.7297,
3.3801

■ 22.5878, 52.6615,
-133.4656

■ 84.5560, -8.0824,
12.3439

■ 21.0527, 56.5339,
-145.1580

■ 92.7187, -12.2653,
20.7884

■ 98.5352, -13.4207,
26.4849

Harmonies

Analogous

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



47.1780, -3.7384, -49.6417



47.1771, 16.7539, -41.6429



47.1780, 34.2395, -20.7311

Triad

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



47.1780, 16.7537, -41.6416



47.1780, 19.2236, 24.0935



47.1780, -34.7753, 3.7184

Complementary

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



47.1771, 16.7539, -41.6429



74.7021, -17.2010, 31.6261

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.



47.1780, -30.6231, 17.9228



47.1771, 16.7539, -41.6429



47.1780, -1.2887, 26.2774

Square

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



47.1780, 16.7537, -41.6416



47.1780, 35.8224, 16.6229



47.1780, -19.1231, 24.5980



47.1780, -31.5358, -17.8372

Rectangle

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



47.1771, 16.7539, -41.6429



47.1780, 40.6648, -5.4630



47.1780, -19.1231, 24.5980



47.1780, -34.2137, 9.3961

Sweetspot

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



47.1780, 16.7537, -41.6416



87.7920, 1.8762, -9.7631



69.1541, -22.2000, -6.2174



40.0143, 1.2460, -5.3263

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.1780, 16.7537, -41.6416



53.6893, 28.9048, -70.8878



51.1039, 28.3968, -33.5637



32.9977, 0.0706, -2.2521



16.8441, 45.1361, -115.3944



4.0297, 10.4138, -24.6272

Inverse Universe

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



54.8777, 38.3303, -21.9368



66.1802, 61.1962, -35.1543



71.4114, -29.5241, 28.7328



33.7443, 2.5477, -0.8579



32.1550, 62.0928, -33.6899



7.3371, 14.2207, -8.0942

Previews

White Background



This preview shows how the HunterLab color 47.1771, 16.7539, -41.6429 looks on a white background.

Color Contrast Check

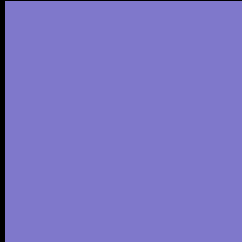
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1771, 16.7539, -41.6429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

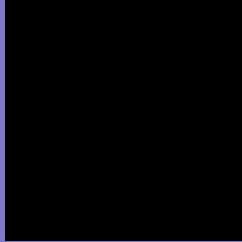
Any Text WCAG AA ✓ Pass

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 47.1771, 16.7539, -41.6429 Background



This preview shows how black text looks on a background with the HunterLab color 47.1771, 16.7539, -41.6429.



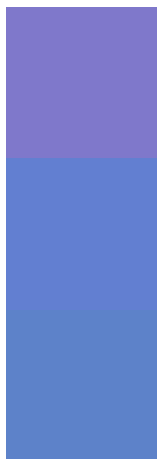
This preview shows how white text looks on a background with the HunterLab color 47.1771, 16.7539, -41.6429.

-41.6429.

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

47.1771, 16.7539, -41.6429

Protanopia

47.3063, 8.2821, -46.3074

Deuteranopia

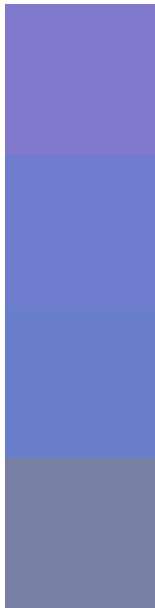
47.4441, 3.6545, -39.7564



Tritanopia

47.1900, -6.3426, -3.6826

Trichromacy



Original Color

47.1771, 16.7539, -41.6429

Protanomaly

47.0866, 11.5244, -45.1143

Deuteranomaly

47.1055, 8.3104, -41.1589

Tritanomaly

46.9111, 1.5483, -16.0572

Monochromacy



Original Color

47.1771, 16.7539, -41.6429

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.5949, 3.3305, -10.9102

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1771, 16.7539, -41.6429 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(127, 120, 203)` looks like.

```
.text, #text, p{  
    color:rgb(127, 120, 203)  
}
```

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(127, 120, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 120, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1771, 16.7539, -41.6429 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(127, 120, 203) }
```


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

```
.border{ border-color:rgb(127, 120, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 120, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 120, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 120, 203);  
box-shadow:4px 4px 4px 4px rgb(127, 120,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.1771, 16.7539, -41.6429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 120, 203) }
```

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

```
.background{ background-color: rgb(127,  
120, 203) }
```

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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