

Converting Colors

HunterLab(42.5576, 18.0122,
-40.5339)

Have a look what the booklet for
HunterLab(42.5576, 18.0122,
-40.5339) contains.

HunterLab(42.5576, 18.0122, -40.5339)	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(42.5576, 18.0122,
-40.5339)**

Conversions

Conversions Part 1

Format	Color
Hex	776BBD
RGB	119, 107, 189
RGB Percent	47%, 42%, 74%
CMY	0.5333, 0.5804, 0.2588
CMYK	0.37, 0.43, 0.00, 0.26
HSL	249°, 38%, 58%
HSV	249°, 43%, 74%
XYZ	22.0508, 18.1115, 50.4778
YIQ	119.9360, -19.1700, 28.0460

Conversions

Conversions Part 2

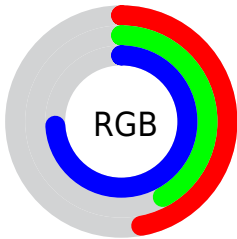
Format	Color
R_{YB}	119, 107, 189
Decimal	7826365
CIE _{Lab}	49.63, 24.34, -41.63
CIE _{LCh}	50, 48.225, 300.311
Yxy	18.1122, 0.2433, 0.1998
Android (android.graphics.Color)	4286016445 (0xFF776BBD)
YUV	119.9360, 34.0486, -0.8209
Hunter-Lab	42.5576, 18.0122, -40.5339

Details

The HunterLab color $42.5576, 18.0122, -40.5339$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $68.4135, -18.0117, 29.7854$, and the grayscale version is $43.1918, -2.3046, 2.3467$.

A 20% lighter version of the original color is $63.3295, 19.7221, -42.2589$, and $24.7775, 15.9711, -39.3019$ is the 20% darker color. If you saturate the color by 10%, you get $36.8052, 24.1592, -54.4545$, and if you desaturate by 10%, it is $48.7167, 12.3834, -28.3579$.

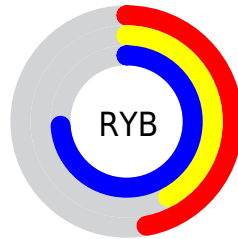
Distribution



Red (47%)

Green (42%)

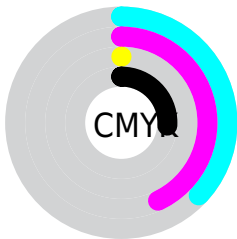
Blue (74%)



Red (47%)

Yellow (42%)

Blue (74%)

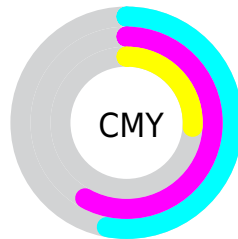


Cyan (37%)

Magenta (43%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (58%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5576, 18.0122, -40.5339 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 42.5576, 18.0122, -40.5339 by changing the saturation by 10% instead.

■ 42.5576, 18.0122,
-40.5339

■ 42.5576, 18.0122,
-40.5339

■ 155.4035, 21.4508,
-45.8571

■ 33.2123, 17.1840,
-39.9821

■ 63.4258, 19.3336,
-41.8708

■ 24.6726, 16.2235,
-39.6824

■ 74.8543, 19.8517,
-42.5505

■ 17.0244, 15.1129,
-39.9789

■ 86.8971, 20.2873,
-43.2050

■ 10.3868, 13.8453,
-41.8440

■ 99.5243, 20.6480,
-43.8236

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.7101, 20.9398,
-44.4004

0.0000, NaN, -NF

■ 126.4316, 21.1680,

0.0000, NaN, NaN

-44.9322

0.0000, NaN, NaN

140.6687, 21.3370,
-45.4179

■ 42.5576, 18.0122,
-40.5339

■ 42.5576, 18.0122,
-40.5339

■ 36.8052, 24.1592,
-54.4545

■ 48.7167, 12.3834,
-28.3579

■ 31.5734, 30.8591,
-70.4122

■ 55.1995, 7.1823,
-17.5728

■ 27.0293, 37.9446,
-88.2875

■ 61.9502, 2.3162,
-7.8631

■ 23.3934, 44.7692,
-106.8223

■ 68.9281, -2.2929,
1.0205

■ 20.8995, 49.9854,
-122.8287

■ 76.1029, -6.7067,
9.2685

■ 19.7896, 52.4558,
-131.1291

■ 83.4516, -10.9727,
17.0250

■ 90.9562, -15.1273,
24.3989

■ 97.5522, -17.5936,
30.5420

■ 98.2111, -15.2262,
31.1858

Harmonies

Analogous

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



42.5584, -2.0726, -49.9046



42.5576, 18.0122, -40.5339



42.5584, 34.7898, -19.0119

Triad

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



42.5584, 18.0121, -40.5327



42.5584, 17.6035, 22.9283



42.5584, -33.2612, 2.1256

Complementary

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



42.5576, 18.0122, -40.5339



68.4135, -18.0117, 29.7854

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.



42.5584, -29.8351, 16.3004



42.5576, 18.0122, -40.5339



42.5584, -2.4732, 24.5994

Square

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



42.5584, 18.0121, -40.5327



42.5584, 34.5260, 16.5048



42.5584, -19.3516, 22.8525



42.5584, -29.6896, -19.4975

Rectangle

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



42.5576, 18.0122, -40.5339



42.5584, 40.5844, -4.0294



42.5584, -19.3516, 22.8525



42.5584, -32.8980, 7.8145

Sweetspot

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



42.5584, 18.0121, -40.5327



83.0697, 2.9877, -10.3034



62.1834, -19.3092, -7.9252



37.5816, 2.0377, -6.0601



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



42.5584, 18.0121, -40.5327



49.6651, 31.8569, -71.7753



46.4265, 29.2081, -32.3648



30.4805, 0.2025, -1.9739



16.2969, 43.0774, -107.0533



3.5459, 8.8032, -18.8772

Inverse Universe

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



49.5066, 36.6025, -18.6681



61.4143, 60.3961, -30.6798



65.4073, -29.3726, 27.1800



31.0992, 2.2173, -0.5277



30.0457, 57.2723, -25.6869



6.0022, 11.5305, -5.8238

Previews

White Background



This preview shows how the HunterLab color 42.5576, 18.0122, -40.5339 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 42.5576, 18.0122, -40.5339 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 42.5576, 18.0122, -40.5339 Background



This preview shows how black text looks on a background with the HunterLab color 42.5576, 18.0122, -40.5339.



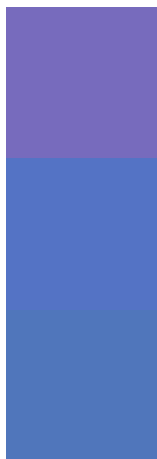
This preview shows how white text looks on a background with the HunterLab color 42.5576, 18.0122, -40.5339.

-40.5339.

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

42.5576, 18.0122, -40.5339

Protanopia

42.6351, 8.5570, -47.0368

Deuteranopia

42.7202, 3.6100, -38.8615



Tritanopia

42.5545, -4.4637, -3.2810

Trichromacy



Original Color

42.5576, 18.0122, -40.5339

Protanomaly

42.4556, 11.7311, -44.9105

Deuteranomaly

42.4796, 8.4846, -40.0803

Tritanomaly

42.2792, 3.1553, -14.9505

Monochromacy



Original Color

42.5576, 18.0122, -40.5339

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

42.7772, 4.3699, -10.6932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5576, 18.0122, -40.5339 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(119, 107, 189)` looks like.

```
.text, #text, p{  
    color:rgb(119, 107, 189)  
}
```

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(119, 107, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 107, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5576, 18.0122, -40.5339 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(119, 107, 189) }
```


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

```
.border{ border-color:rgb(119, 107, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 107, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 107, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 107, 189);  
box-shadow:4px 4px 4px 4px rgb(119, 107,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5576, 18.0122, -40.5339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 107, 189) }
```

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

```
.background{ background-color: rgb(119,  
107, 189) }
```

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