

Converting Colors

HunterLab(52.7011, 46.8552,
-19.0247)

Have a look what the booklet for
HunterLab(52.7011, 46.8552,
-19.0247) contains.

HunterLab(52.7734, 46.8939, -18.8511)	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(52.7734, 46.8939,
-18.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	D46ABA
RGB	212, 106, 186
RGB Percent	83%, 42%, 73%
CMY	0.1686, 0.5843, 0.2706
CMYK	0.00, 0.50, 0.12, 0.17
HSL	315°, 55%, 62%
HSV	315°, 50%, 83%
XYZ	41.1684, 27.8503, 49.6603
YIQ	146.8140, 37.4960, 47.3520

Conversions

Conversions Part 2

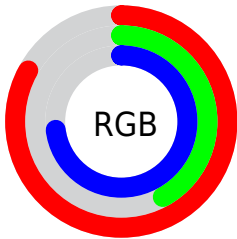
Format	Color
R _{YB}	212, 106, 186
Decimal	13920954
CIE _{Lab}	59.75, 51.78, -23.34
CIE _{LCh}	60, 56.799, 335.738
Y _{xy}	27.8516, 0.3469, 0.2347
Android (android.graphics.Color)	4292111034 (0xFFD46ABA)
Y _{UV}	146.8140, 19.3187, 57.1681
Hunter-Lab	52.7734, 46.8939, -18.8511

Details

The HunterLab color **52.7734, 46.8939, -18.8511** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **71.9848, -42.5230, 25.6305**, and the grayscale version is **53.8563, -2.8736, 2.9261**.

A 20% lighter version of the original color is **72.9113, 43.8070, -22.6162**, and **33.3437, 43.2507, -18.1543** is the 20% darker color. If you saturate the color by 10%, you get **48.7767, 56.2828, -21.9670**, and if you desaturate by 10%, it is **57.4453, 36.7942, -14.9512**.

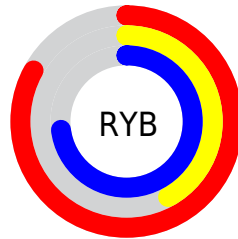
Distribution



Red (83%)

Green (42%)

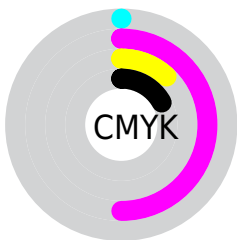
Blue (73%)



Red (83%)

Yellow (42%)

Blue (73%)

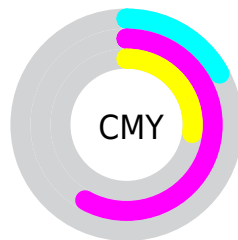


Cyan (0%)

Magenta (50%)

Yellow (12%)

Black (17%)



Cyan (17%)

Magenta (58%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.7734, 46.8939, -18.8511 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 52.7734, 46.8939, -18.8511 by changing the saturation by 10% instead.

52.7734, 46.8939,
-18.8511

52.7734, 46.8939,
-18.8511

170.8090, 58.5649,
-19.9852

42.6777, 45.0997,
-18.4364

74.9983, 50.1460,
-19.4914

33.3221, 43.2047,
-17.9671

87.0484, 51.6152,
-19.7215

24.7721, 41.2354,
-17.4594

99.6827, 52.9862,
-19.8940

17.1123, 39.2853,
-16.9662

112.8751, 54.2651,
-20.0118

10.4614, 37.6661,
-16.6580

126.6030, 55.4574,
-20.0773

0.0000, INF, -NF

0.0000, NaN, NaN

140.8464, 56.5684,

-20.0932

0.0000, NaN, NaN

155.5872, 57.6028,
-20.0618

■ 52.7734, 46.8939,
-18.8511

■ 52.7734, 46.8939,
-18.8511

■ 48.7767, 56.2828,
-21.9670

■ 57.4453, 36.7942,
-14.9512

■ 45.5395, 64.3926,
-24.0185

■ 62.6964, 26.4129,
-10.5183

■ 43.1271, 70.5807,
-24.7457


■ 68.4431, 16.0135,
-5.7359


■ 41.5512, 74.3487,
-24.0252


■ 74.6120, 5.7428,
-0.7321


■ 40.6637, 75.8784,
-22.1061

■ 81.1423, -4.3319,
4.4098

 40.6635, 75.8787,
-22.1056

 87.9842, -14.1903,
9.6372

 95.0971, -23.8381,
14.9182

 95.4445, -23.2843,
12.9889

 95.5977, -22.4170,
10.7937

Harmonies

Analogous

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



52.7746, 27.3388, -47.4391



52.7734, 46.8939, -18.8511



52.7746, 52.1825, 7.1261

Triad

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



52.7746, 46.8915, -18.8495



52.7746, -7.4094, 30.7219



52.7746, -35.6421, -30.2408

Complementary

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



52.7734, 46.8939, -18.8511



71.9848, -42.5230, 25.6305

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.



52.7746, -41.7270, -1.7672



52.7734, 46.8939, -18.8511



52.7746, -27.4308, 27.7142

Square

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



52.7746, 46.8915, -18.8495



52.7746, 17.7860, 29.4523



52.7746, -39.0182, 18.0675



52.7746, -20.6788, -55.8380

Rectangle

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



52.7734, 46.8939, -18.8511



52.7746, 46.2098, 18.7588



52.7746, -39.0182, 18.0675



52.7746, -38.6573, -20.3036

Sweetspot

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



52.7746, 46.8915, -18.8495



87.9700, 13.5837, -4.1116



44.5726, 27.5537, -54.9071



39.9552, 7.5349, -2.5078

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.7746, 46.8915, -18.8495



59.8306, 70.0564, -27.2767



51.0247, 38.8436, 5.7982



35.4658, 2.4420, -0.2090



31.9758, 59.7113, -17.7234



7.9336, 14.9505, -5.4476

Inverse Universe

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



52.7746, 46.8915, -18.8495



59.8306, 70.0564, -27.2767



73.2131, -35.2018, 7.8913



35.4658, 2.4420, -0.2090



31.9758, 59.7113, -17.7234



7.9336, 14.9505, -5.4476

Previews

White Background



This preview shows how the HunterLab color 52.7734, 46.8939, -18.8511 looks on a white background.

Color Contrast Check

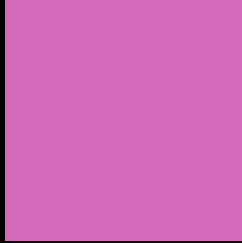
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.7734, 46.8939, -18.8511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

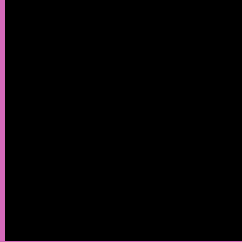
Any Text WCAG AA ✓ Pass

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 52.7734, 46.8939, -18.8511 Background



This preview shows how black text looks on a background with the HunterLab color 52.7734, 46.8939, -18.8511.



This preview shows how white text looks on a background with the HunterLab color 52.7734, 46.8939, -18.8511.

-18.8511.

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

52.7734, 46.8939, -18.8511

Protanopia

53.0981, 6.4378, -38.2055

Deuteranopia

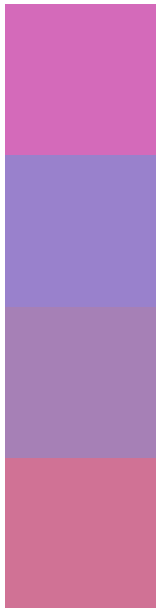
52.8398, 4.0716, -15.8201



Tritanopia

52.7958, 29.1414, 10.1086

Trichromacy



Original Color

52.7734, 46.8939, -18.8511

Protanomaly

51.8000, 19.2280, -33.1313

Deuteranomaly

51.8871, 18.8993, -18.2666

Tritanomaly

52.5495, 35.2641, 0.9171

Monochromacy



Original Color

52.7734, 46.8939, -18.8511

Achromatopsia

54.0158, -2.8821, 2.9348

Achromatomaly

52.6628, 14.5376, -5.2564

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.7734, 46.8939, -18.8511 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(212, 106, 186)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 186)  
}
```

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(212, 106, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 52.7734, 46.8939, -18.8511 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(212, 106, 186) }
```


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

```
.border{ border-color:rgb(212, 106, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 106, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 186);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.7734, 46.8939, -18.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 186) }
```

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

```
.background{ background-color: rgb(212,  
106, 186) }
```

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