

Converting Colors

HunterLab(46.2981, -5.7107,
-7.8098)

Have a look what the booklet for
HunterLab(46.2981, -5.7107,
-7.8098) contains.

HunterLab(46.3986, -5.7771, -7.8443)	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(46.3986, -5.7771,
-7.8443)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8395
RGB	107, 131, 149
RGB Percent	42%, 51%, 58%
CMY	0.5804, 0.4863, 0.4157
CMYK	0.28, 0.12, 0.00, 0.42
HSL	206°, 17%, 50%
HSV	206°, 28%, 58%
XYZ	19.6045, 21.5283, 31.5558
YIQ	125.8760, -20.0820, 0.5100

Conversions

Conversions Part 2

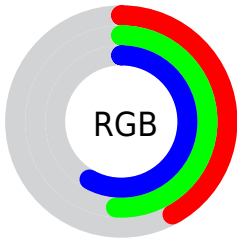
Format	Color
R_{YB}	107, 122, 149
Decimal	7046037
CIE _{Lab}	53.52, -4.25, -12.49
CIE _{LCh}	54, 13.188, 251.216
Yxy	21.5292, 0.2697, 0.2962
Android (android.graphics.Color)	4285236117 (0xFF6B8395)
YUV	125.8760, 11.4001, -16.5543
Hunter-Lab	46.3986, -5.7771, -7.8443

Details

The HunterLab color $46.3986, -5.7771, -7.8443$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $47.0303, 2.6468, 11.4896$, and the grayscale version is $45.5915, -2.4327, 2.4771$.

A 20% lighter version of the original color is $67.7965, -7.4890, -7.7660$, and $27.9571, -4.4431, -7.3567$ is the 20% darker color. If you saturate the color by 10%, you get $43.6131, -6.1970, -11.8891$, and if you desaturate by 10%, it is $49.2972, -5.0248, -3.9090$.

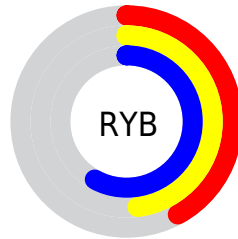
Distribution



Red (42%)

Green (51%)

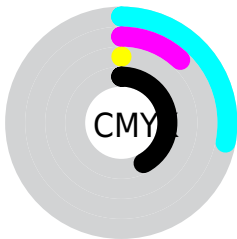
Blue (58%)



Red (42%)

Yellow (48%)

Blue (58%)

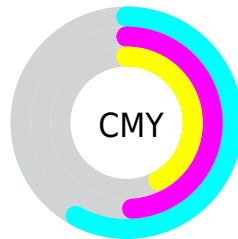


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3986, -5.7771, -7.8443 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 46.3986, -5.7771, -7.8443 by changing the saturation by 10% instead.

■ 46.3986, -5.7771,
-7.8443

■ 46.3986, -5.7771,
-7.8443

161.2692,
-13.6517, -6.0537

■ 36.7578, -5.0089,
-7.7566

■ 67.7986, -7.3772,
-7.8135

■ 27.8955, -4.2587,
-7.5931

■ 79.4701, -8.2092,
-7.7081

■ 19.8885, -3.5232,
-7.3470

■ 91.7436, -9.0629,
-7.5484

■ 12.8402, -2.7947,
-7.0193

■ 104.5911, -9.9383,
-7.3384

■ 6.2459, -3.2963,
-8.3250

117.9879,
-10.8351, -7.0813

0.0000, NaN, -NF

0.0000, NaN, NaN

131.9124,

-11.7531, -6.7799

0.0000, NaN, NaN

146.3453,
-12.6921, -6.4367

0.0000, NaN, NaN

■ 46.3986, -5.7771,
-7.8443

■ 46.3986, -5.7771,
-7.8443

■ 43.6131, -6.1970,
-11.8891

■ 49.2972, -5.0248,
-3.9090

■ 40.9484, -6.2397,
-16.0473

■ 52.2967, -3.9774,
-0.0810

■ 38.4167, -5.8605,
-20.3139

■ 55.3895, -2.6704,
3.6476

■ 36.0295, -5.0151,
-24.6775

■ 58.5679, -1.1343,
7.2848

■ 33.7983, -3.6650,
-29.1178

■ 61.8253, 0.6043,
10.8390

■ 31.7321, -1.7867,
-33.6059

■ 65.1558, 2.5226,
14.3186

■ 29.8192, 0.5592,
-38.1517

■ 68.5540, 4.6010,
17.7316

■ 29.4792, 1.0001,
-39.0054

■ 72.0154, 6.8226,
21.0853

■ 75.5357, 9.1729,
24.3867

Harmonies

Analogous

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



46.3995, -10.0404, -4.4725



46.3986, -5.7771, -7.8443



46.3995, -0.4393, -8.2566

Triad

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



46.3995, -5.7777, -7.8435



46.3995, 8.1630, 4.4079



46.3995, -9.1297, 9.3643

Complementary

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



46.3986, -5.7771, -7.8443



47.0303, 2.6468, 11.4896

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.



46.3995, -4.4826, 11.2147



46.3986, -5.7771, -7.8443



46.3995, 5.6016, 8.5793

Square

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



46.3995, -5.7777, -7.8435



46.3995, 7.7772, -0.7720



46.3995, 0.9160, 10.9448



46.3995, -11.9137, 5.5978

Rectangle

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



46.3986, -5.7771, -7.8443



46.3995, 3.0320, -6.7503



46.3995, 0.9160, 10.9448



46.3995, -7.7428, 10.2104

Sweetspot

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



46.3995, -5.7777, -7.8435



69.9949, -5.3187, -0.0960



51.0774, -17.8102, 8.8336



32.6833, -2.6063, -0.3778



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



46.3995, -5.7777, -7.8435



59.6505, -8.1510, -13.9999



40.6895, 3.8914, -16.2915



24.7992, -1.9536, -0.2209



27.1544, 0.7255, -35.5067



3.8586, -1.2406, -2.1447

Inverse Universe

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



43.0630, 14.7930, -2.7712



54.4007, 25.3728, -5.1242



52.7782, -6.9624, 16.7731



24.2231, 1.3173, 0.4482



24.3675, 44.0281, -2.0689



2.8035, 5.2567, -1.7204

Previews

White Background



This preview shows how the HunterLab color 46.3986, -5.7771, -7.8443 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 46.3986, -5.7771, -7.8443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

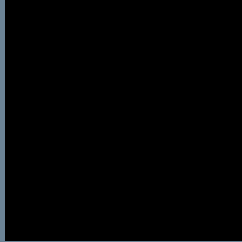
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

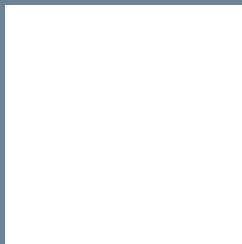
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.3986, -5.7771, -7.8443 Background



This preview shows how black text looks on a background with the HunterLab color 46.3986, -5.7771, -7.8443.



This preview shows how white text looks on a background with the HunterLab color 46.3986, -5.7771, -7.8443.

-7.8443.

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

46.3986, -5.7771, -7.8443

Protanopia

46.4103, -0.1037, -6.1450

Deuteranopia

46.4073, 2.9918, -8.2158



Tritanopia

46.4218, -7.5914, -4.7181

Trichromacy



Original Color

46.3986, -5.7771, -7.8443

Protanomaly

46.2563, -2.0070, -6.9139

Deuteranomaly

46.3095, -0.1759, -8.4093

Tritanomaly

46.4877, -7.2238, -5.6463

Monochromacy



Original Color

46.3986, -5.7771, -7.8443

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.9146, -4.0360, -0.9028

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3986, -5.7771, -7.8443 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(107, 131, 149)` looks like.

```
.text, #text, p{  
    color:rgb(107, 131, 149)  
}
```

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(107, 131, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 131, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3986, -5.7771, -7.8443 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(107, 131, 149) }
```


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

```
.border{ border-color:rgb(107, 131, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 131, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 131, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 131, 149); box-shadow:4px 4px 4px 4px rgb(107, 131, 149) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.3986, -5.7771, -7.8443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 131, 149) }
```

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

```
.background{ background-color: rgb(107,  
131, 149) }
```

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