

Converting Colors

HunterLab(47.1376, -7.9605,
-17.7154)

Have a look what the booklet for
HunterLab(47.1376, -7.9605,
-17.7154) contains.

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Color

**HunterLab(47.0971, -7.8987,
-17.7538)**

Conversions

Conversions Part 1

Format	Color
Hex	5787A8
RGB	87, 135, 168
RGB Percent	34%, 53%, 66%
CMY	0.6588, 0.4706, 0.3412
CMYK	0.48, 0.20, 0.00, 0.34
HSL	204°, 32%, 50%
HSV	204°, 48%, 66%
XYZ	19.6624, 22.1814, 40.2909
YIQ	124.4100, -39.2010, 0.0870

Conversions

Conversions Part 2

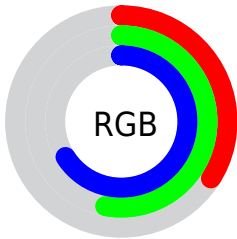
Format	Color
R _Y B	87, 117, 168
Decimal	5736360
CIE Lab	54.22, -6.96, -22.52
CIE LCh	54, 23.568, 252.834
Yxy	22.1822, 0.2394, 0.2701
Android (android.graphics.Color)	4283926440 (0xFF5787A8)
YUV	124.4100, 21.4899, -32.8086
Hunter-Lab	47.0971, -7.8987, -17.7538

Details

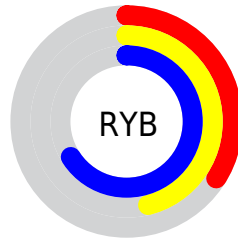
The HunterLab color $[47.0971, -7.8987, -17.7538]$ is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be $[47.3779, 9.7179, 18.0792]$, and the grayscale version is $[44.9858, -2.4003, 2.4442]$.

A 20% lighter version of the original color is $[68.5251, -9.7661, -18.3496]$, and $[28.3712, -5.8227, -17.1494]$ is the 20% darker color. If you saturate the color by 10%, you get $[44.2904, -7.5910, -22.4337]$, and if you desaturate by 10%, it is $[50.0589, -7.7136, -13.1667]$.

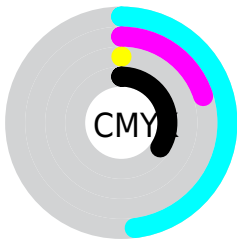
Distribution



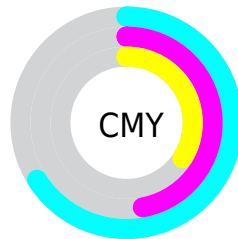
- Red (34%)
- Green (53%)
- Blue (66%)



- Red (34%)
- Yellow (46%)
- Blue (66%)



- Cyan (48%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)



- Cyan (66%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0971, -7.8987, -17.7538 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 47.0971, -7.8987, -17.7538 by changing the saturation by 10% instead.

■ 47.0971, -7.8987,
-17.7538

■ 47.0971, -7.8987,
-17.7538

162.3257,
-16.9079, -18.9367

■ 37.4043, -6.9639,
-17.3288

■ 68.5908, -9.7969,
-18.4149

■ 28.4856, -6.0322,
-16.8516

■ 80.3051, -10.7651,
-18.6529

■ 20.4161, -5.0947,
-16.3491

■ 92.6195, -11.7482,
-18.8318

■ 13.2969, -4.1346,
-15.9089

■ 105.5060,
-12.7471, -18.9545

■ 6.8349, -4.7996,
-17.5203

118.9402,
-13.7621, -19.0237

0.0000, NaN, -NF

0.0000, NaN, NaN

132.9006,

-14.7938, -19.0422

0.0000, NaN, NaN

147.3682,
-15.8424, -19.0124

0.0000, NaN, NaN

■ 47.0971, -7.8987,
-17.7538

■ 47.0971, -7.8987,
-17.7538

■ 44.2904, -7.5910,
-22.4337

■ 50.0589, -7.7136,
-13.1667

■ 41.6487, -6.7416,
-27.1924

■ 53.1610, -7.0860,
-8.6838

■ 39.1841, -5.3104,
-32.0031

■ 56.3925, -6.0648,
-4.3070

■ 36.9052, -3.2763,
-36.8330

■ 59.7428, -4.6954,
-0.0344

■ 34.8013, -0.6970,
-41.6825

■ 63.2022, -3.0181,
4.1390

■ 34.4335, -0.2150,
-42.5747

■ 66.7618, -1.0689,
8.2196

■ 70.4141, 1.1211,
12.2148

■ 74.1519, 3.5248,
16.1325

■ 77.9692, 6.1190,
19.9803

Harmonies

Analogous

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



47.0980, -15.4370, -11.1768



47.0971, -7.8987, -17.7538



47.0980, 1.7029, -18.2430

Triad

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



47.0980, -7.8989, -17.7529



47.0980, 17.1007, 6.3399



47.0980, -14.5462, 13.8145

Complementary

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



47.0971, -7.8987, -17.7538



47.3779, 9.7179, 18.0792

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.



47.0980, -6.5906, 16.7983



47.0971, -7.8987, -17.7538



47.0980, 11.9691, 13.1087

Square

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



47.0980, -7.8989, -17.7529



47.0980, 16.6787, -2.9837



47.0980, 3.1210, 16.5693



47.0980, -19.0561, 7.5089

Rectangle

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



47.0971, -7.8987, -17.7538



47.0980, 8.0387, -14.9294



47.0980, 3.1210, 16.5693



47.0980, -12.2152, 15.1760

Sweetspot

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



47.0980, -7.8989, -17.7529



77.7320, -7.4931, -3.5090



56.0122, -30.1816, 15.3774



35.8560, -3.6680, -2.1981



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



47.0980, -7.8989, -17.7529



59.3506, -10.1575, -30.7628



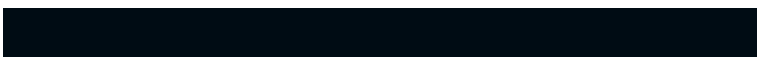
36.1341, 11.3602, -38.3221



28.3049, -2.3158, -0.2330



30.0936, -0.4783, -36.5819



5.6307, -1.5350, -3.7243

Inverse Universe

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



41.0990, 32.0109, -7.1829



50.5837, 53.1940, -11.0244



58.4127, -9.2551, 26.6785



27.5937, 1.5900, 0.4217



26.4297, 47.9052, -3.4143



4.2393, 7.8912, -2.1543

Previews

White Background



This preview shows how the HunterLab color 47.0971, -7.8987, -17.7538 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 47.0971, -7.8987, -17.7538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

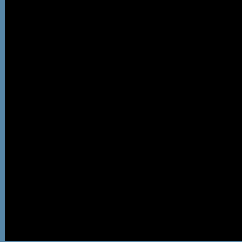
Any Text WCAG AA ✓ Pass

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 47.0971, -7.8987, -17.7538 Background



This preview shows how black text looks on a background with the HunterLab color 47.0971, -7.8987, -17.7538.

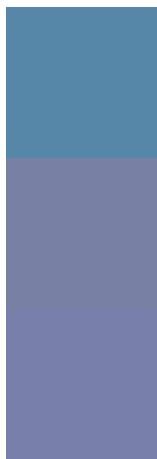


This preview shows how white text looks on a background with the HunterLab color 47.0971, -7.8987, -17.7538.

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

47.0971, -7.8987, -17.7538

Protanopia

46.9848, 1.6445, -14.7445

Deuteranopia

46.9831, 3.6075, -18.9781



Tritanopia

47.0066, -14.2640, -7.1483

Trichromacy



Original Color

47.0971, -7.8987, -17.7538

Protanomaly

47.0504, -2.3185, -15.9060

Deuteranomaly

46.9233, -0.9809, -18.5320

Tritanomaly

47.0432, -12.0775, -10.8642

Monochromacy



Original Color

47.0971, -7.8987, -17.7538

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.5097, -5.0866, -4.3699

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0971, -7.8987, -17.7538 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(87, 135, 168)` looks like.

```
.text, #text, p{  
    color:rgb(87, 135, 168)  
}
```

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(87, 135, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 135, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0971, -7.8987, -17.7538 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(87, 135, 168) }
```


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

```
.border{ border-color:rgb(87, 135, 168) }
```

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

Here you see how a box with a 4 pixel rgb(87, 135, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 135, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 135, 168);  
box-shadow:4px 4px 4px 4px rgb(87, 135,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0971, -7.8987, -17.7538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 135, 168) }
```

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

```
.background{ background-color: rgb(87, 135,  
168) }
```

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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