

Converting Colors

HunterLab(47.0164, -17.3388,
-7.3927)

Have a look what the booklet for
HunterLab(47.0164, -17.3388,
-7.3927) contains.

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Color

**HunterLab(46.9940,
-17.4787, -7.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	428C95
RGB	66, 140, 149
RGB Percent	26%, 55%, 58%
CMY	0.7412, 0.4510, 0.4157
CMYK	0.56, 0.06, 0.00, 0.42
HSL	187°, 39%, 42%
HSV	187°, 56%, 58%
XYZ	17.0497, 22.0844, 31.7979
YIQ	118.9000, -46.9930, -12.8890

Conversions

Conversions Part 2

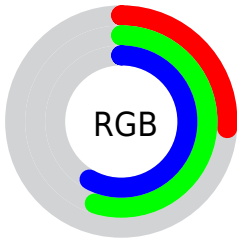
Format	Color
R _Y B	66, 105, 149
Decimal	4361365
CIE Lab	54.12, -20.24, -11.80
CIE LCh	54, 23.428, 210.244
Yxy	22.0852, 0.2404, 0.3113
Android (android.graphics.Color)	4282551445 (0xFF428C95)
YUV	118.9000, 14.8393, -46.3933
Hunter-Lab	46.9940, -17.4787, -7.2220

Details

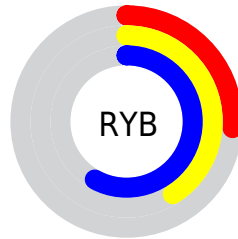
The HunterLab color **46.9940, -17.4787, -7.2220** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **34.3738, 22.3838, 12.6814**, and the grayscale version is **42.8703, -2.2874, 2.3292**.

A 20% lighter version of the original color is **68.5276, -21.0548, -7.0259**, and **28.6255, -13.5485, -6.5320** is the 20% darker color. If you saturate the color by 10%, you get **46.0050, -18.6635, -8.6238**, and if you desaturate by 10%, it is **48.1119, -15.8324, -5.6713**.

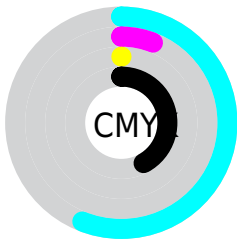
Distribution



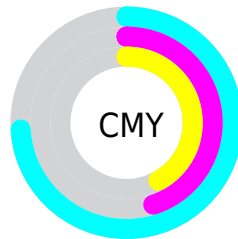
- Red (26%)
- Green (55%)
- Blue (58%)



- Red (26%)
- Yellow (41%)
- Blue (58%)



- Cyan (56%)
- Magenta (6%)
- Yellow (0%)
- Black (42%)



- Cyan (74%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9940, -17.4787, -7.2220 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 46.9940, -17.4787, -7.2220 by changing the saturation by 10% instead.

■ 46.9940, -17.4787,
-7.2220

■ 46.9940, -17.4787,
-7.2220

162.1699,
-32.1636, -5.1796

■ 37.3089, -15.6959,
-7.1673

■ 68.4739, -20.8864,
-7.1286

■ 28.3984, -13.8295,
-7.0374

■ 80.1820, -22.5388,
-6.9934

■ 20.3381, -11.8393,
-6.8244

■ 92.4903, -24.1692,
-6.8050

■ 13.2293, -9.6526,
-6.5257

■ 105.3710,
-25.7837, -6.5673

■ 6.7514, -11.8149,
-7.2802

■ 118.7997,
-27.3871, -6.2833

0.0000, NaN, -NF

0.0000, NaN, NaN

132.7549,

-28.9830, -5.9558

0.0000, NaN, NaN

147.2174,
-30.5744, -5.5872

0.0000, NaN, NaN

■ 46.9940, -17.4787,
-7.2220

■ 46.9940, -17.4787,
-7.2220

■ 46.0050, -18.6635,
-8.6238

■ 48.1119, -15.8324,
-5.6713

■ 45.1388, -19.3880,
-9.8736

■ 49.3571, -13.7348,
-3.9833

■ 44.3894, -19.6697,
-10.9707

■ 50.7296, -11.2059,
-2.1691

■ 43.7432, -19.5574,
-11.9280

■ 52.2272, -8.2726,
-0.2421

■ 43.4774, -19.4641,
-12.3257

■ 53.8463, -4.9656,
1.7841

■ 55.5826, -1.3179,
3.8959

■ 57.4312, 2.6371,
6.0805

■ 59.3869, 6.8668,
8.3264

■ 61.4445, 11.3403,
10.6232

Harmonies

Analogous

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



46.9949, -19.6511, 2.4828



46.9940, -17.4787, -7.2220



46.9949, -11.3626, -15.4748

Triad

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



46.9949, -17.4789, -7.2213



46.9949, 14.6941, -7.0645



46.9949, -2.5891, 16.9985

Complementary

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



46.9940, -17.4787, -7.2220



34.3738, 22.3838, 12.6814

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.



46.9949, 7.0506, 15.4387



46.9940, -17.4787, -7.2220



46.9949, 17.5054, 2.6332

Square

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



46.9949, -17.4789, -7.2213



46.9949, 7.1984, -15.3722



46.9949, 14.6040, 10.6031



46.9949, -11.4892, 15.3866

Rectangle

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



46.9940, -17.4787, -7.2220



46.9949, -5.6107, -18.3559



46.9949, 14.6040, 10.6031



46.9949, 0.6732, 16.8323

Sweetspot

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



46.9949, -17.4789, -7.2213



69.5512, -11.7509, -0.7572



48.1166, -31.3740, 21.0507



32.5713, -5.8699, -0.5744



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.



46.9949, -17.4789, -7.2213



61.2412, -25.2931, -12.0051



35.0579, 0.5269, -26.4763



25.4086, -2.9392, 0.5083



39.9190, -17.8978, -11.2591



4.6880, -2.3177, -0.8563

Inverse Universe

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



34.9000, 36.4958, -20.0076



42.8818, 59.1492, -32.0381



43.8501, 3.0508, 20.1036



24.2868, 1.6588, -0.4565



26.0807, 50.1250, -25.4801



2.9283, 5.6954, -3.3834

Previews

White Background



This preview shows how the HunterLab color 46.9940, -17.4787, -7.2220 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 46.9940, -17.4787, -7.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

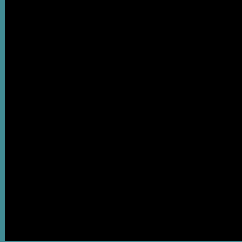
Any Text WCAG AA ✓ Pass

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 46.9940, -17.4787, -7.2220 Background



This preview shows how black text looks on a background with the HunterLab color 46.9940, -17.4787, -7.2220.



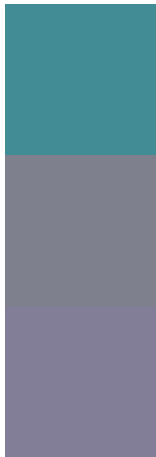
This preview shows how white text looks on a background with the HunterLab color 46.9940,

-17.4787, -7.2220.

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

46.9940, -17.4787, -7.2220

Protanopia

46.7691, -0.6308, -3.1378

Deuteranopia

46.8343, 3.1627, -8.6916



Tritanopia

47.0997, -16.9410, -8.1299

Trichromacy



Original Color

46.9940, -17.4787, -7.2220

Protanomaly

46.3890, -7.6436, -5.2726

Deuteranomaly

46.4680, -5.3923, -8.8179

Tritanomaly

47.0653, -17.1398, -7.6473

Monochromacy



Original Color

46.9940, -17.4787, -7.2220

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

44.1585, -9.0678, -1.3043

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9940, -17.4787, -7.2220 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(66, 140, 149)` looks like.

```
.text, #text, p{  
    color:rgb(66, 140, 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(66, 140, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 140, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9940, -17.4787, -7.2220 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(66, 140, 149) }
```


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

```
.border{ border-color:rgb(66, 140, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 140, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 140, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 140, 149);  
box-shadow:4px 4px 4px 4px rgb(66, 140,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9940, -17.4787, -7.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 140, 149) }
```

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

```
.background{ background-color: rgb(66, 140,  
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](#).

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