

Converting Colors

HunterLab(42.8622, -6.6078,
-18.0052)

Have a look what the booklet for
HunterLab(42.8622, -6.6078,
-18.0052) contains.

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Color

**HunterLab(42.9760, -6.9440,
-17.6471)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7C9D
RGB	78, 124, 157
RGB Percent	31%, 49%, 62%
CMY	0.6941, 0.5137, 0.3843
CMYK	0.50, 0.21, 0.00, 0.38
HSL	205°, 34%, 46%
HSV	205°, 50%, 62%
XYZ	16.4354, 18.4694, 34.5970
YIQ	114.0080, -38.0090, 0.5110

Conversions

Conversions Part 2

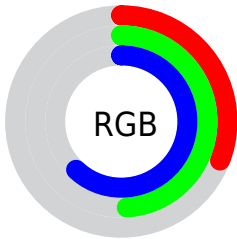
Format	Color
R_{YB}	78, 107, 157
Decimal	5143709
CIE _{Lab}	50.06, -6.18, -22.58
CIE _{LCh}	50, 23.409, 254.681
Yxy	18.4701, 0.2365, 0.2657
Android (android.graphics.Color)	4283333789 (0xFF4E7C9D)
YUV	114.0080, 21.1951, -31.5790
Hunter-Lab	42.9760, -6.9440, -17.6471

Details

The HunterLab color $42.9760, -6.9440, -17.6471$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $43.6895, 9.1982, 17.2999$, and the grayscale version is $40.9563, -2.1853, 2.2252$.

A 20% lighter version of the original color is $63.8041, -8.3557, -18.7110$, and $24.9429, -4.9623, -17.1296$ is the 20% darker color. If you saturate the color by 10%, you get $40.3666, -6.5020, -22.0925$, and if you desaturate by 10%, it is $45.7309, -6.9247, -13.2986$.

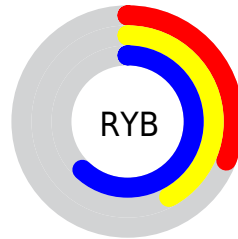
Distribution



Red (31%)

Green (49%)

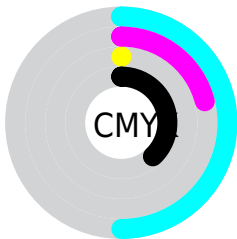
Blue (62%)



Red (31%)

Yellow (42%)

Blue (62%)

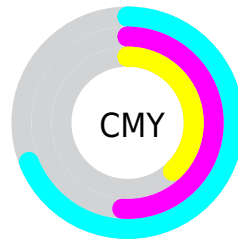


Cyan (50%)

Magenta (21%)

Yellow (0%)

Black (38%)



Cyan (69%)

Magenta (51%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9760, -6.9440, -17.6471 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 42.9760, -6.9440, -17.6471 by changing the saturation by 10% instead.

■ 42.9760, -6.9440,
-17.6471

■ 42.9760, -6.9440,
-17.6471

156.0472,
-15.5702, -19.0523

■ 33.5976, -6.0602,
-17.1969

■ 63.9036, -8.7461,
-18.3639

■ 25.0218, -5.1814,
-16.7028

■ 75.3591, -9.6691,
-18.6290

■ 17.3331, -4.2983,
-16.2089

■ 87.4276, -10.6086,
-18.8340

■ 10.6490, -3.3916,
-15.8625

■ 100.0793,
-11.5653, -18.9816

■ 0.8240, -1.4421,
-123.8227

■ 113.2885,
-12.5396, -19.0745

0.0000, NaN, -NF

0.0000, NaN, NaN

127.0326,

-13.5318, -19.1156

0.0000, NaN, NaN

141.2915,
-14.5420, -19.1074

0.0000, NaN, NaN

■ 42.9760, -6.9440,
-17.6471

■ 42.9760, -6.9440,
-17.6471

■ 40.3666, -6.5020,
-22.0925

■ 45.7309, -6.9247,
-13.2986

■ 37.9121, -5.5533,
-26.6217

■ 48.6172, -6.4911,
-9.0573

■ 35.6242, -4.0617,
-31.2091

■ 51.6245, -5.6894,
-4.9239

■ 33.5110, -2.0100,
-35.8232

■ 54.7428, -4.5621,
-0.8960

■ 31.6042, 0.3977,
-40.3610

■ 57.9627, -3.1473,
3.0321

■ 61.2761, -1.4787,
6.8674

■ 64.6755, 0.4144,
10.6175

■ 68.1545, 2.5065,
14.2907

■ 71.7074, 4.7760,
17.8945

Harmonies

Analogous

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



42.9768, -14.3492, -11.5115



42.9760, -6.9440, -17.6471



42.9768, 2.3576, -17.7172

Triad

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



42.9768, -6.9441, -17.6463



42.9768, 16.5207, 6.4528



42.9768, -14.2234, 12.8120

Complementary

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



42.9760, -6.9440, -17.6471



43.6895, 9.1982, 17.2999

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.



42.9768, -6.7586, 15.8156



42.9760, -6.9440, -17.6471



42.9768, 11.2532, 12.7134

Square

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



42.9768, -6.9441, -17.6463



42.9768, 16.4603, -2.4301



42.9768, 2.5596, 15.7839



42.9768, -18.3007, 6.6180

Rectangle

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



42.9760, -6.9440, -17.6471



42.9768, 8.4231, -14.2398



42.9768, 2.5596, 15.7839



42.9768, -12.0566, 14.1632

Sweetspot

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



42.9768, -6.9441, -17.6463



71.1661, -6.9065, -3.8621



51.8459, -28.5376, 14.2761



33.0029, -3.3743, -2.3057



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



42.9768, -6.9441, -17.6463



53.7363, -8.6216, -30.0698



32.3826, 11.9252, -38.2411



26.5416, -2.1320, -0.2280



28.6121, 0.1340, -36.0519



4.7828, -1.4625, -2.8210

Inverse Universe

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



37.5137, 30.7899, -6.4843



45.9428, 50.2543, -9.6307



54.4652, -9.2738, 25.5518



25.8991, 1.4522, 0.4365



25.3942, 45.9567, -2.7254



3.5160, 6.5764, -2.0324

Previews

White Background



This preview shows how the HunterLab color 42.9760, -6.9440, -17.6471 looks on a white background.

Color Contrast Check

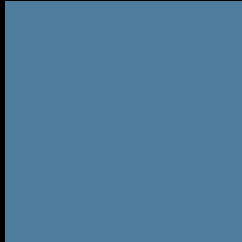
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.9760, -6.9440, -17.6471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

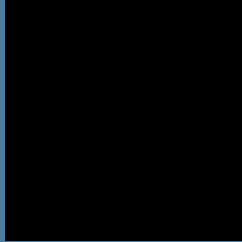
Any Text WCAG AA ✓ Pass

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 42.9760, -6.9440, -17.6471 Background



This preview shows how black text looks on a background with the HunterLab color 42.9760, -6.9440, -17.6471.

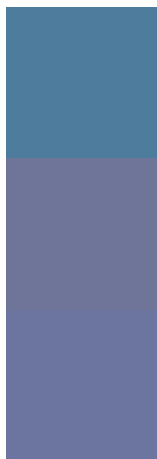


This preview shows how white text looks on a background with the HunterLab color 42.9760, -6.9440, -17.6471.

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

42.9760, -6.9440, -17.6471

Protanopia

42.7838, 2.1425, -14.7656

Deuteranopia

42.9115, 3.1230, -18.8239



Tritanopia

42.8852, -13.2423, -7.0487

Trichromacy



Original Color

42.9760, -6.9440, -17.6471

Protanomaly

42.8517, -1.7347, -15.9248

Deuteranomaly

42.9453, -1.0954, -18.2156

Tritanomaly

42.9207, -11.0831, -10.7511

Monochromacy



Original Color

42.9760, -6.9440, -17.6471

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.6357, -4.8053, -4.5024

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9760, -6.9440, -17.6471 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(78, 124, 157)` looks like.

```
.text, #text, p{  
    color:rgb(78, 124, 157)  
}
```

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(78, 124, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 124, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9760, -6.9440, -17.6471 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(78, 124, 157) }
```


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

```
.border{ border-color:rgb(78, 124, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 124, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 124, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 124, 157);  
box-shadow:4px 4px 4px 4px rgb(78, 124,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9760, -6.9440, -17.6471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 124, 157) }
```

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

```
.background{ background-color: rgb(78, 124,  
157) }
```

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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