

Converting Colors

HunterLab(42.1833, -4.5554,
-20.4501)

Have a look what the booklet for
HunterLab(42.1833, -4.5554,
-20.4501) contains.

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Color

**HunterLab(42.2888, -4.7660,
-20.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	50799F
RGB	80, 121, 159
RGB Percent	31%, 47%, 62%
CMY	0.6863, 0.5255, 0.3765
CMYK	0.50, 0.24, 0.00, 0.38
HSL	209°, 33%, 47%
HSV	209°, 50%, 62%
XYZ	16.4036, 17.8834, 35.3882
YIQ	113.0730, -36.6340, 3.1260

Conversions

Conversions Part 2

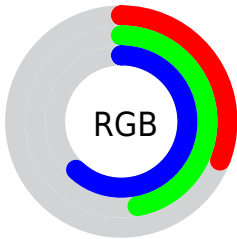
Format	Color
R _Y B	80, 107, 159
Decimal	5274015
CIE Lab	49.36, -3.32, -24.83
CIE LCh	49, 25.049, 262.382
Yxy	17.8841, 0.2354, 0.2567
Android (android.graphics.Color)	4283464095 (0xFF50799F)
YUV	113.0730, 22.6420, -29.0050
Hunter-Lab	42.2888, -4.7660, -20.0130

Details

The HunterLab color $42.2888, -4.7660, -20.0130$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $45.7249, 6.7431, 18.4517$, and the grayscale version is $40.5913, -2.1658, 2.2054$.

A 20% lighter version of the original color is $63.0956, -5.9897, -21.0069$, and $24.5128, -3.6499, -18.6036$ is the 20% darker color. If you saturate the color by 10%, you get $39.3523, -3.8944, -25.2393$, and if you desaturate by 10%, it is $45.3798, -5.1664, -14.9833$.

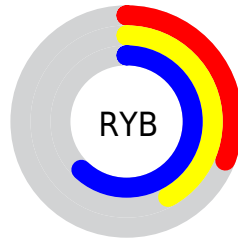
Distribution



Red (31%)

Green (47%)

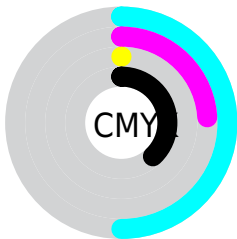
Blue (62%)



Red (31%)

Yellow (42%)

Blue (62%)

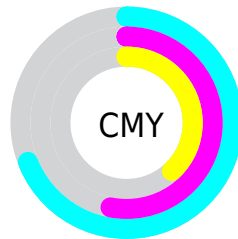


Cyan (50%)

Magenta (24%)

Yellow (0%)

Black (38%)



Cyan (69%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2888, -4.7660, -20.0130 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 42.2888, -4.7660, -20.0130 by changing the saturation by 10% instead.

■ 42.2888, -4.7660,
-20.0130

■ 42.2888, -4.7660,
-20.0130

154.9893,
-12.1705, -22.0450

■ 32.9648, -4.0633,
-19.5087

■ 63.1187, -6.2446,
-20.8623

■ 24.4486, -3.3837,
-18.9805

■ 74.5298, -7.0206,
-21.1983

■ 16.8265, -2.7244,
-18.4969

■ 86.5560, -7.8209,
-21.4751

■ 10.2191, -2.0786,
-18.2760

■ 99.1674, -8.6449,
-21.6943

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.3380, -9.4923,
-21.8586

0.0000, NaN, NaN

126.0450,

0.0000, NaN, NaN

-10.3627, -21.9702

0.0000, NaN, NaN

140.2681,
-11.2556, -22.0315

■ 42.2888, -4.7660,
-20.0130

■ 42.2888, -4.7660,
-20.0130

■ 39.3523, -3.8944,
-25.2393

■ 45.3798, -5.1664,
-14.9833

■ 36.5842, -2.4946,
-30.6597

■ 48.6082, -5.1516,
-10.1474

■ 34.0019, -0.5163,
-36.2535

■ 51.9613, -4.7735,
-5.4928

■ 31.6205, 2.0717,
-41.9833

■ 55.4274, -4.0786,
-1.0043

■ 29.4219, 5.1727,
-47.8796

■ 58.9963, -3.1072,
3.3343

■ 29.3537, 5.2735,
-48.0735

■ 62.6590, -1.8939,
7.5394

■ 66.4078, -0.4685,
11.6264

■ 70.2358, 1.1441,
15.6097

■ 74.1373, 2.9223,
19.5020

Harmonies

Analogous

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



42.2896, -13.3185, -14.8079



42.2888, -4.7660, -20.0130



42.2896, 5.2787, -18.2306

Triad

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



42.2896, -4.7661, -20.0121



42.2896, 16.9335, 8.6644



42.2896, -16.3762, 11.9753

Complementary

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



42.2888, -4.7660, -20.0130



45.7249, 6.7431, 18.4517

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.



42.2896, -9.3027, 15.9136



42.2888, -4.7660, -20.0130



42.2896, 10.0692, 14.3331

Square

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



42.2896, -4.7661, -20.0121



42.2896, 18.4326, -0.1834



42.2896, 0.3084, 16.6637



42.2896, -19.6062, 4.6450

Rectangle

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



42.2888, -4.7660, -20.0130



42.2896, 11.4312, -13.4758



42.2896, 0.3084, 16.6637



42.2896, -14.4021, 13.6631

Sweetspot

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



42.2896, -4.7661, -20.0121



71.5592, -6.0279, -4.6826



52.7100, -28.2046, 13.1008



33.5422, -2.9440, -2.7928



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



42.2896, -4.7661, -20.0121



52.1085, -4.9844, -34.8177



32.1558, 13.8499, -40.4234



26.4124, -1.9204, -0.3848



26.2479, 4.3833, -42.2699



4.5577, -1.1392, -3.2376

Inverse Universe

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



38.0649, 30.0738, -4.1948



46.2967, 49.8096, -5.9184



56.4364, -11.1637, 26.6066



25.8858, 1.3806, 0.6263



25.1351, 45.0175, 0.9479



3.4856, 6.4685, -1.6175

Previews

White Background



This preview shows how the HunterLab color 42.2888, -4.7660, -20.0130 looks on a white background.

Color Contrast Check

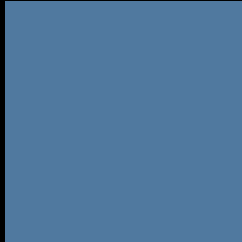
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.2888, -4.7660, -20.0130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

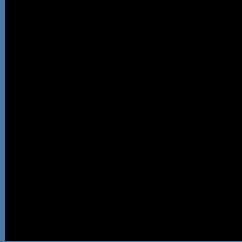
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

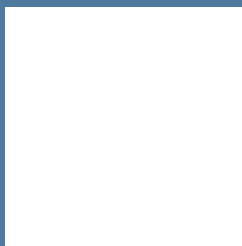
Any Text WCAG AAA × Fail

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

HunterLab 42.2888, -4.7660, -20.0130 Background



This preview shows how black text looks on a background with the HunterLab color 42.2888, -4.7660, -20.0130.

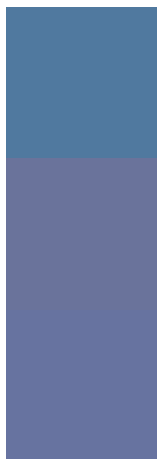


This preview shows how white text looks on a background with the HunterLab color 42.2888, -4.7660, -20.0130.

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

42.2888, -4.7660, -20.0130

Protanopia

42.0621, 2.7402, -17.7452

Deuteranopia

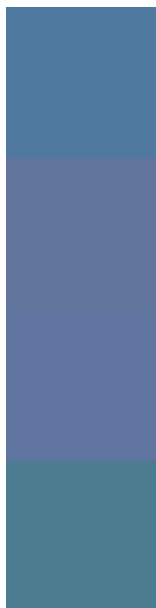
42.0513, 3.1116, -20.9253



Tritanopia

42.1832, -12.9741, -6.4513

Trichromacy



Original Color

42.2888, -4.7660, -20.0130

Protanomaly

42.0289, -0.1109, -18.4739

Deuteranomaly

42.0637, 0.3359, -20.9524

Tritanomaly

42.3377, -10.2450, -11.0416

Monochromacy



Original Color

42.2888, -4.7660, -20.0130

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

41.0721, -3.8981, -5.2464

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2888, -4.7660, -20.0130 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(80, 121, 159)` looks like.

```
.text, #text, p{  
    color:rgb(80, 121, 159)  
}
```

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(80, 121, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 121, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2888, -4.7660, -20.0130 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(80, 121, 159) }
```


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

```
.border{ border-color:rgb(80, 121, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 121, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 121, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 121, 159);  
box-shadow:4px 4px 4px 4px rgb(80, 121,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2888, -4.7660, -20.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 121, 159) }
```

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

```
.background{ background-color: rgb(80, 121,  
159) }
```

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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