

Converting Colors

HunterLab(42.0154, -4.3536,
-20.6356)

Have a look what the booklet for
HunterLab(42.0154, -4.3536,
-20.6356) contains.

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Color

HunterLab(42.0019, -4.3049,
-20.4958)

Conversions

Conversions Part 1

Format	Color
Hex	50789F
RGB	80, 120, 159
RGB Percent	31%, 47%, 62%
CMY	0.6863, 0.5294, 0.3765
CMYK	0.50, 0.25, 0.00, 0.38
HSL	210°, 33%, 47%
HSV	210°, 50%, 62%
XYZ	16.2827, 17.6416, 35.3479
YIQ	112.4860, -36.3590, 3.6490

Conversions

Conversions Part 2

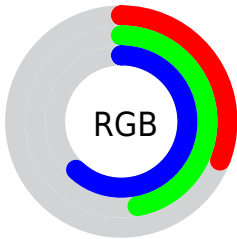
Format	Color
R_{YB}	80, 107, 159
Decimal	5273759
CIE _{Lab}	49.06, -2.73, -25.29
CIE _{LCh}	49, 25.433, 263.836
Yxy	17.6422, 0.2351, 0.2547
Android (android.graphics.Color)	4283463839 (0xFF50789F)
YUV	112.4860, 22.9314, -28.4902
Hunter-Lab	42.0019, -4.3049, -20.4958

Details

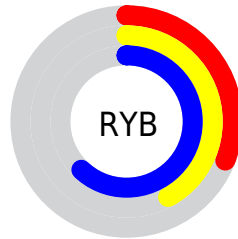
The HunterLab color $42.0019, -4.3049, -20.4958$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $45.9831, 6.2637, 18.6576$, and the grayscale version is $40.3649, -2.1538, 2.1931$.

A 20% lighter version of the original color is $62.7269, -5.7259, -21.5808$, and $24.2455, -3.2291, -19.1320$ is the 20% darker color. If you saturate the color by 10%, you get $39.0112, -3.3408, -25.8720$, and if you desaturate by 10%, it is $45.1491, -4.7961, -15.3381$.

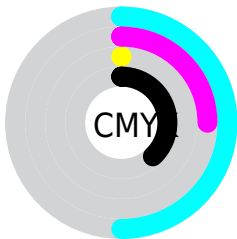
Distribution



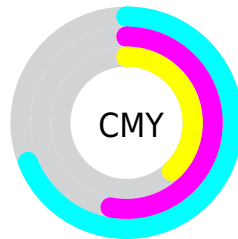
- Red (31%)
- Green (47%)
- Blue (62%)



- Red (31%)
- Yellow (42%)
- Blue (62%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0019, -4.3049, -20.4958 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 42.0019, -4.3049, -20.4958 by changing the saturation by 10% instead.

■ 42.0019, -4.3049,
-20.4958

■ 42.0019, -4.3049,
-20.4958

154.5467,
-11.4553, -22.6586

■ 32.7008, -3.6397,
-19.9813

■ 62.7907, -5.7164,
-21.3720

■ 24.2097, -3.0013,
-19.4485

■ 74.1831, -6.4618,
-21.7228

■ 16.6157, -2.3882,
-18.9726

■ 86.1915, -7.2331,
-22.0146

■ 10.0407, -1.7959,
-18.7935

■ 98.7860, -8.0295,
-22.2489

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.9404, -8.8505,
-22.4282

0.0000, NaN, NaN

125.6318, -9.6955,

0.0000, NaN, NaN

-22.5546

0.0000, NaN, NaN

139.8400,
-10.5640, -22.6307

■ 42.0019, -4.3049,
-20.4958

■ 42.0019, -4.3049,
-20.4958

■ 39.0112, -3.3408,
-25.8720

■ 45.1491, -4.7961,
-15.3381

■ 36.1916, -1.8446,
-31.4670

■ 48.4347, -4.8721,
-10.3927

■ 33.5618, 0.2367,
-37.2616

■ 51.8459, -4.5861,
-5.6439

■ 31.1384, 2.9369,
-43.2173

■ 55.3705, -3.9852,
-1.0738

■ 28.9049, 6.1598,
-49.3632

■ 58.9981, -3.1103,
3.3364

■ 28.8357, 6.2645,
-49.5654

■ 62.7196, -1.9961,
7.6050

■ 66.5272, -0.6724,
11.7491

■ 70.4141, 0.8357,
15.7842

■ 74.3744, 2.5070,
19.7244

Harmonies

Analogous

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



42.0027, -13.0831, -15.4958



42.0019, -4.3049, -20.4958



42.0027, 5.8826, -18.3249

Triad

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



42.0027, -4.3050, -20.4949



42.0027, 17.0032, 9.0778



42.0027, -16.7783, 11.7787

Complementary

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



42.0019, -4.3049, -20.4958



45.9831, 6.2637, 18.6576

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.



42.0027, -9.7951, 15.9000



42.0019, -4.3049, -20.4958



42.0027, 9.8209, 14.6173

Square

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



42.0027, -4.3050, -20.4949



42.0027, 18.8234, 0.2574



42.0027, -0.1413, 16.8005



42.0027, -19.8339, 4.2188

Rectangle

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



42.0019, -4.3049, -20.4958



42.0027, 12.0462, -13.3120



42.0027, -0.1413, 16.8005



42.0027, -14.8460, 13.5330

Sweetspot

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



42.0027, -4.3050, -20.4949



71.4392, -5.8321, -4.8349



52.7395, -28.0286, 12.6738



33.4778, -2.8392, -2.8757



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.



42.0027, -4.3050, -20.4949



51.6416, -4.2252, -35.6963



31.8455, 14.5194, -41.1920



26.3866, -1.8780, -0.4162



25.7899, 5.2536, -43.5762



4.5113, -1.0710, -3.3269

Inverse Universe

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



38.0328, 29.9251, -3.7423



46.2438, 49.5797, -5.1739



56.8298, -11.7588, 26.8938



25.8832, 1.3663, 0.6641



25.0872, 44.8433, 1.6311



3.4795, 6.4467, -1.5336

Previews

White Background



This preview shows how the HunterLab color 42.0019, -4.3049, -20.4958 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 42.0019, -4.3049, -20.4958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

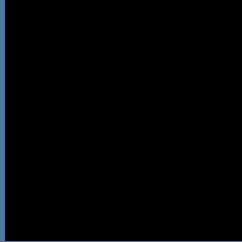
Any Text WCAG AA ✓ Pass

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 42.0019, -4.3049, -20.4958 Background



This preview shows how black text looks on a background with the HunterLab color 42.0019, -4.3049, -20.4958.

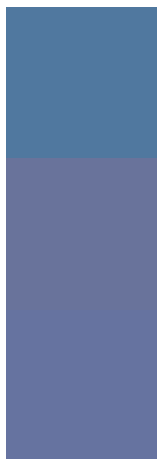


This preview shows how white text looks on a background with the HunterLab color 42.0019, -4.3049, -20.4958.

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

42.0019, -4.3049, -20.4958

Protanopia

41.9896, 2.4965, -17.8696

Deuteranopia

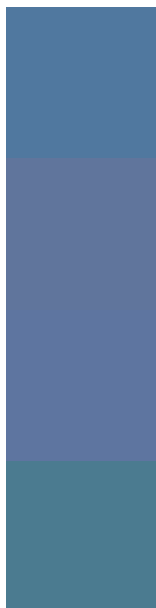
41.9813, 2.8770, -21.0506



Tritanopia

41.8835, -12.5511, -6.8590

Trichromacy



Original Color

42.0019, -4.3049, -20.4958

Protanomaly

41.9639, -0.3338, -18.5865

Deuteranomaly

42.0004, 0.1195, -21.0658

Tritanomaly

42.0421, -9.8084, -11.4759

Monochromacy



Original Color

42.0019, -4.3049, -20.4958

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.6888, -3.8712, -5.2591

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0019, -4.3049, -20.4958 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, 120, 159)` looks like.

```
.text, #text, p{  
    color:rgb(80, 120, 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, 120, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 120, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0019, -4.3049, -20.4958 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, 120, 159) }
```


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

```
.border{ border-color:rgb(80, 120, 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, 120, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 120, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 120, 159);  
box-shadow:4px 4px 4px 4px rgb(80, 120,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0019, -4.3049, -20.4958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 120, 159) }
```

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

```
.background{ background-color: rgb(80, 120,  
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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