

Converting Colors

HunterLab(48.0349, -20.8179,
0.9419)

Have a look what the booklet for
HunterLab(48.0349, -20.8179,
0.9419) contains.

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Color

**HunterLab(48.0349,
-20.8179, 0.9419)**

Conversions

Conversions Part 1

Format	Color
Hex	489087
RGB	72, 144, 135
RGB Percent	28%, 56%, 53%
CMY	0.7176, 0.4353, 0.4706
CMYK	0.50, 0.00, 0.06, 0.44
HSL	172°, 33%, 42%
HSV	172°, 50%, 56%
XYZ	17.0189, 23.0735, 26.4784
YIQ	121.4460, -40.0230, -18.0630

Conversions

Conversions Part 2

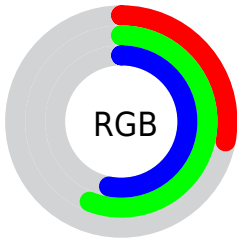
Format	Color
RYB	72, 110, 144
Decimal	4755591
CIELab	55.15, -24.86, -2.17
CIElCh	55, 24.949, 184.981
Yxy	23.0744, 0.2557, 0.3466
Android (android.graphics.Color)	4282945671 (0xFF489087)
YUV	121.4460, 6.6821, -43.3641
Hunter-Lab	48.0349, -20.8179, 0.9419

Details

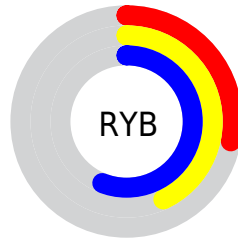
The HunterLab color $[48.0349, -20.8179, 0.9419]$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $[33.4047, 23.3246, 7.1739]$, and the grayscale version is $[43.8870, -2.3417, 2.3845]$.

A 20% lighter version of the original color is $[69.6094, -24.6922, 1.9369]$, and $[29.2278, -16.5410, 0.2865]$ is the 20% darker color. If you saturate the color by 10%, you get $[47.4700, -23.1221, 1.0393]$, and if you desaturate by 10%, it is $[48.7292, -18.0592, 1.0052]$.

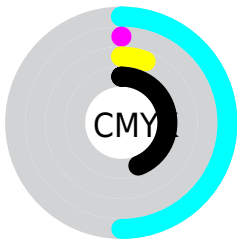
Distribution



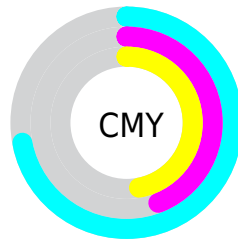
- Red (28%)
- Green (56%)
- Blue (53%)



- Red (28%)
- Yellow (43%)
- Blue (56%)



- Cyan (50%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0349, -20.8179, 0.9419 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 48.0349, -20.8179, 0.9419 by changing the saturation by 10% instead.

■ 48.0349, -20.8179,
0.9419

■ 48.0349, -20.8179,
0.9419

163.7397,
-37.5126, 6.4208

■ 38.2733, -18.7364,
0.5286

■ 69.6531, -24.7593,
1.9060

■ 29.2798, -16.5419,
0.1662

■ 81.4245, -26.6540,
2.4487

■ 21.1276, -14.1847,
-0.1380

■ 93.7931, -28.5136,
3.0286

■ 13.9148, -11.5768,
-0.3741

■ 106.7314,
-30.3462, 3.6434

■ 7.5499, -13.2124,
-0.7785

■ 120.2154,
-32.1581, 4.2915

0.0000, NaN, NaN

134.2237,

0.0000, NaN, NaN

-33.9540, 4.9713

0.0000, NaN, NaN

148.7375,
-35.7378, 5.6815

0.0000, NaN, NaN

■ 48.0349, -20.8179,
0.9419

■ 48.0349, -20.8179,
0.9419

■ 47.4700, -23.1221,
1.0393

■ 48.7292, -18.0592,
1.0052

■ 47.0264, -24.9717,
1.2881

■ 49.5531, -14.8555,
1.2308

■ 46.6976, -26.3819,
1.6772

■ 50.5087, -11.2278,
1.6193

■ 46.4727, -27.3842,
2.1903

■ 51.5955, -7.2041,
2.1675

■ 46.3181, -28.1074,
2.7824

■ 52.8116, -2.8174,
2.8694

■ 46.3181, -28.1075,
2.7824

■ 54.1541, 1.8961,
3.7174

■ 55.6191, 6.8991,
4.7021

■ 57.2021, 12.1551,
5.8134

■ 58.8981, 17.6291,
7.0409

Harmonies

Analogous

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



48.0358, -19.2936, 9.9481



48.0349, -20.8179, 0.9419



48.0358, -17.8004, -9.5470

Triad

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



48.0358, -20.8183, 0.9425



48.0358, 9.3779, -15.6150



48.0358, 6.1389, 16.7947

Complementary

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



48.0349, -20.8179, 0.9419



33.4047, 23.3246, 7.1739

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.



48.0358, 14.8417, 12.2467



48.0349, -20.8179, 0.9419



48.0358, 16.8198, -6.0953

Square

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



48.0358, -20.8183, 0.9425



48.0358, -0.8263, -20.3122



48.0358, 18.8989, 4.2289



48.0358, -4.2806, 17.9031

Rectangle

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



48.0349, -20.8179, 0.9419



48.0358, -13.4550, -15.6054



48.0358, 18.8989, 4.2289



48.0358, 9.3894, 15.6728

Sweetspot

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



48.0358, -20.8183, 0.9425



67.7333, -12.4671, 2.4660



47.1076, -27.1591, 20.8350



32.3072, -6.4480, 1.1174



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



48.0358, -20.8183, 0.9425



62.9611, -31.0420, 1.4103



40.3175, -7.9586, -14.0994



24.7081, -3.2765, 1.0610



43.2249, -26.2124, 2.5578



4.2513, -2.4137, -0.1033

Inverse Universe

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



33.4047, 23.3246, 7.1739



40.1606, 38.8122, 11.6599



38.9979, 9.9194, 14.8822



23.3118, 0.8178, 1.6005



22.8112, 39.2408, 13.3758



2.2685, 3.9773, 0.7497

Previews

White Background



This preview shows how the HunterLab color 48.0349, -20.8179, 0.9419 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 48.0349, -20.8179, 0.9419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

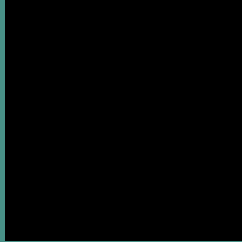
Any Text WCAG AA ✓ Pass

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 48.0349, -20.8179, 0.9419 Background



This preview shows how black text looks on a background with the HunterLab color 48.0349, -20.8179, 0.9419.



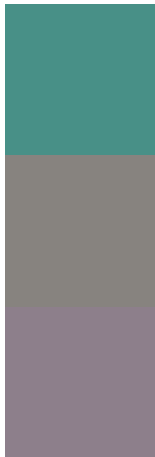
This preview shows how white text looks on a background with the HunterLab color 48.0349, -20.8179, 0.9419.

-20.8179, 0.9419.

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

48.0349, -20.8179, 0.9419

Protanopia

47.8705, -1.9678, 4.5946

Deuteranopia

47.6503, 3.6477, -0.9669



Tritanopia

47.9264, -15.2794, -8.0182

Trichromacy



Original Color

48.0349, -20.8179, 0.9419

Protanomaly

47.6075, -10.1416, 2.8565

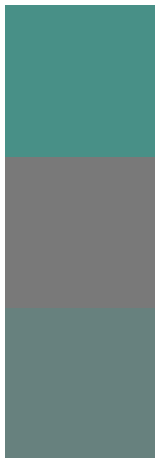
Deuteranomaly

47.2473, -6.4524, -1.1729

Tritanomaly

47.9143, -17.3822, -4.4302

Monochromacy



Original Color

48.0349, -20.8179, 0.9419

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.8224, -9.9035, 1.3361

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0349, -20.8179, 0.9419 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(72, 144, 135)` looks like.

```
.text, #text, p{  
    color:rgb(72, 144, 135)  
}
```

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(72, 144, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 144, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0349, -20.8179, 0.9419 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(72, 144, 135) }
```


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

```
.border{ border-color:rgb(72, 144, 135) }
```

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

Here you see how a box with a 4 pixel rgb(72, 144, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 144, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 144, 135);  
box-shadow:4px 4px 4px 4px rgb(72, 144,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0349, -20.8179, 0.9419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 144, 135) }
```

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

```
.background{ background-color: rgb(72, 144,  
135) }
```

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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