

Converting Colors

HunterLab(42.0599, -29.5256,
12.1906)

Have a look what the booklet for
HunterLab(42.0599, -29.5256,
12.1906) contains.

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Color

**HunterLab(41.9219,
-29.3267, 11.9519)**

Conversions

Conversions Part 1

Format	Color
Hex	0C8559
RGB	12, 133, 89
RGB Percent	5%, 52%, 35%
CMY	0.9529, 0.4784, 0.6510
CMYK	0.91, 0.00, 0.33, 0.48
HSL	158°, 83%, 28%
HSV	158°, 91%, 52%
XYZ	10.3423, 17.5745, 12.2983
YIQ	91.8050, -57.9920, -39.3360

Conversions

Conversions Part 2

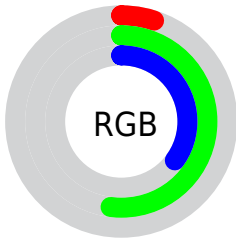
Format	Color
R_{YB}	12, 86, 133
Decimal	820569
CIE _{Lab}	48.98, -41.36, 15.35
CIE _{LCh}	49, 44.119, 159.639
Yxy	17.5752, 0.2572, 0.4370
Android (android.graphics.Color)	4279010649 (0xFF0C8559)
YUV	91.8050, -1.3829, -69.9890
Hunter-Lab	41.9219, -29.3267, 11.9519

Details

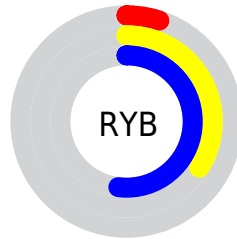
The HunterLab color **41.9219, -29.3267, 11.9519** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **23.5274, 38.6314, 5.7432**, and the grayscale version is **32.6637, -1.7429, 1.7747**.

A 20% lighter version of the original color is **62.6814, -35.4044, 14.8996**, and **24.9179, -18.8682, 9.5858** is the 20% darker color. If you saturate the color by 10%, you get **41.7442, -30.2359, 13.0942**, and if you desaturate by 10%, it is **42.1800, -28.0708, 10.6679**.

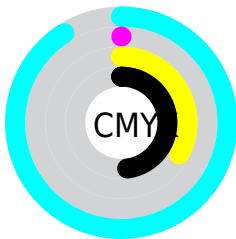
Distribution



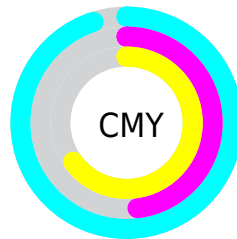
- Red (5%)
- Green (52%)
- Blue (35%)



- Red (5%)
- Yellow (34%)
- Blue (52%)



- Cyan (91%)
- Magenta (0%)
- Yellow (33%)
- Black (48%)



- Cyan (95%)
- Magenta (48%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9219, -29.3267, 11.9519 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 41.9219, -29.3267, 11.9519 by changing the saturation by 10% instead.

41.9219, -29.3267,
11.9519

41.9219, -29.3267,
11.9519

154.4232,
-53.9644, 24.6188

32.6273, -25.9641,
10.4414

62.6993, -35.4702,
14.8490

24.1432, -22.3116,
8.8587

74.0864, -38.3365,
16.2615

16.5570, -18.2417,
7.1621

86.0899, -41.1030,
17.6614

9.9912, -17.4845,
6.9412

98.6797, -43.7885,
19.0539

0.0000, NaN, NaN

0.0000, NaN, NaN

111.8296,
-46.4072, 20.4431

0.0000, NaN, NaN

125.5166,

0.0000, NaN, NaN

-48.9704, 21.8322

0.0000, NaN, NaN

139.7206,
-51.4871, 23.2235

■ 41.9219, -29.3267,
11.9519

■ 41.9219, -29.3267,
11.9519

■ 41.7442, -30.2359,
13.0942

■ 42.1800, -28.0708,
10.6679

■ 42.5370, -26.4072,
9.4088

■ 43.0033, -24.3119,
8.1949

■ 43.5852, -21.7768,
7.0440

■ 44.2869, -18.8075,
5.9717

■ 45.1105, -15.4204,
4.9912

■ 46.0564, -11.6410,
4.1126

■ 47.1236, -7.5006,
3.3436

■ 48.3096, -3.0348,
2.6889

Harmonies

Analogous

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



41.9227, -21.5998, 20.1925



41.9219, -29.3267, 11.9519



41.9227, -30.4974, -3.4329

Triad

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



41.9227, -29.3271, 11.9522



41.9227, 3.5390, -43.0650



41.9227, 26.9123, 17.9848

Complementary

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



41.9219, -29.3267, 11.9519



23.5274, 38.6314, 5.7432

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.



41.9227, 36.3122, 7.2907



41.9219, -29.3267, 11.9519



41.9227, 21.4315, -30.5636

Square

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



41.9227, -29.3271, 11.9522



41.9227, -13.3048, -40.1255



41.9227, 34.1568, -10.4370



41.9227, 10.1084, 22.5533

Rectangle

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



41.9219, -29.3267, 11.9519



41.9227, -27.6365, -16.8106



41.9227, 34.1568, -10.4370



41.9227, 31.1583, 15.2151

Sweetspot

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



41.9227, -29.3271, 11.9522



60.7732, -18.9929, 6.2683



42.0163, -30.5950, 24.8636



28.6822, -9.6747, 3.1393



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



41.9227, -29.3271, 11.9522



55.8337, -40.6314, 17.9242



38.0314, -16.1864, -11.4440



22.9148, -3.2427, 1.5559



40.7423, -29.4970, 12.7512



2.4272, -1.5583, 0.3301

Inverse Universe

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



23.5274, 38.6314, 5.7432



30.4786, 53.3751, 10.5507



24.1876, 32.6372, 14.6226



21.7132, 0.9470, 0.9198



22.2652, 39.0623, 7.1593



1.3597, 2.4779, -0.2800

Previews

White Background



This preview shows how the HunterLab color 41.9219, -29.3267, 11.9519 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 41.9219, -29.3267, 11.9519 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 41.9219, -29.3267, 11.9519 Background



This preview shows how black text looks on a background with the HunterLab color 41.9219, -29.3267, 11.9519.



This preview shows how white text looks on a background with the HunterLab color 41.9219, -29.3267, 11.9519.

-29.3267, 11.9519.

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

41.9219, -29.3267, 11.9519

Protanopia

41.7670, -3.9093, 14.6177

Deuteranopia

41.5275, 2.7042, 10.5172



Tritanopia

41.9395, -16.8854, -7.9107

Trichromacy



Original Color

41.9219, -29.3267, 11.9519

Protanomaly

40.5512, -17.1920, 12.4231

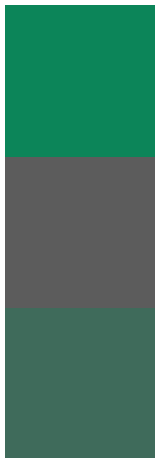
Deuteranomaly

40.1746, -13.6781, 9.5731

Tritanomaly

41.7093, -22.0633, 0.0557

Monochromacy



Original Color

41.9219, -29.3267, 11.9519

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

35.1105, -14.6918, 4.6641

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9219, -29.3267, 11.9519 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(12, 133, 89)` looks like.

```
.text, #text, p{  
    color:rgb(12, 133, 89)  
}
```

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(12, 133, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 133, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9219, -29.3267, 11.9519 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(12, 133, 89) }
```


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

```
.border{ border-color:rgb(12, 133, 89) }
```

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

Here you see how a box with a 4 pixel rgb(12, 133, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 133, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 133, 89);  
box-shadow:4px 4px 4px 4px rgb(12, 133,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9219, -29.3267, 11.9519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 133, 89) }
```

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

```
.background{ background-color: rgb(12, 133,  
89) }
```

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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