

Converting Colors

HunterLab(29.8611, -9.2784,
12.0221)

Have a look what the booklet for
HunterLab(29.8611, -9.2784,
12.0221) contains.

HunterLab(29.9359, -9.2742, 12.0809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(29.9359, -9.2742,
12.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5933
RGB	77, 89, 51
RGB Percent	30%, 35%, 20%
CMY	0.6980, 0.6510, 0.8000
CMYK	0.13, 0.00, 0.43, 0.65
HSL	79°, 27%, 27%
HSV	79°, 43%, 35%
XYZ	7.2305, 8.9616, 4.4807
YIQ	81.0800, 5.0460, -14.3620

Conversions

Conversions Part 2

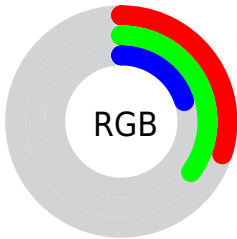
Format	Color
R_{YB}	51, 89, 63
Decimal	5069107
CIE _{Lab}	35.91, -11.89, 20.45
CIE _{LCh}	36, 23.658, 120.179
Yxy	8.9620, 0.3498, 0.4335
Android (android.graphics.Color)	4283259187 (0xFF4D5933)
YUV	81.0800, -14.8294, -3.5782
Hunter-Lab	29.9359, -9.2742, 12.0809

Details

The HunterLab color $29.9359, -9.2742, 12.0809$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $20.3616, 8.5265, -14.8260$, and the grayscale version is $28.7653, -1.5348, 1.5629$.

A 20% lighter version of the original color is $48.8458, -11.7000, 15.8677$, and $14.3108, -6.4288, 7.9918$ is the 20% darker color. If you saturate the color by 10%, you get $29.6250, -10.6853, 13.6648$, and if you desaturate by 10%, it is $30.2781, -7.7226, 10.1776$.

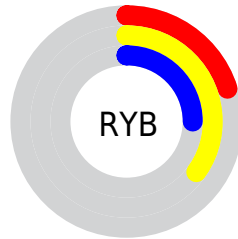
Distribution



 Red (30%)

 Green (35%)

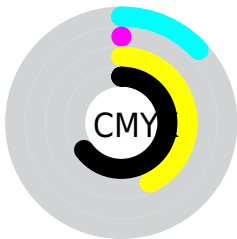
 Blue (20%)



 Red (20%)

 Yellow (35%)

 Blue (25%)

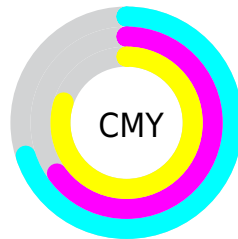


 Cyan (13%)

 Magenta (0%)

 Yellow (43%)

 Black (65%)



 Cyan (70%)

 Magenta (65%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9359, -9.2742, 12.0809 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 29.9359, -9.2742, 12.0809 by changing the saturation by 10% instead.

■ 29.9359, -9.2742,
12.0809

■ 29.9359, -9.2742,
12.0809

■ 135.3122,
-20.3592, 27.4904

■ 21.7173, -7.9685,
10.0349

■ 48.8097, -11.7781,
15.8192

■ 14.4286, -6.5873,
8.0944

■ 59.3371, -13.0038,
17.5782

■ 8.0894, -6.8385,
5.6626

■ 70.5284, -14.2233,
19.2904

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.3464, -15.4414,
20.9684

0.0000, NaN, NaN

■ 94.7594, -16.6618,
22.6213

0.0000, NaN, NaN

■ 107.7401,

0.0000, NaN, NaN

-17.8870, 24.2560

0.0000, NaN, NaN

121.2647,
-19.1190, 25.8776

■ 29.9359, -9.2742,
12.0809

■ 29.9359, -9.2742,
12.0809

■ 29.6250, -10.6853,
13.6648

■ 30.2781, -7.7226,
10.1776

■ 29.3429, -11.9533,
14.9345

■ 30.6500, -6.0299,
7.9519

■ 29.0892, -13.0805,
15.9007

■ 31.0525, -4.2002,
5.4056

■ 28.8628, -14.0709,
16.5794

■ 31.4856, -2.2378,
2.5427

■ 28.6607, -14.9393,
17.0129

■ 31.9492, -0.1478,
-0.6299

■ 28.5199, -15.5465,
17.3016

■ 32.4430, 2.0638,
-4.1035

■ 32.9666, 4.3908,
-7.8677

■ 33.5196, 6.8264,
-11.9109

■ 34.1013, 9.3637,
-16.2204

Harmonies

Analogous

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



29.9366, -1.6493, 13.2610



29.9359, -9.2742, 12.0809



29.9366, -14.3333, 8.2929

Triad

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



29.9366, -9.2750, 12.0812



29.9366, -9.1968, -14.9491



29.9366, 16.2752, 1.6774

Complementary

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



29.9359, -9.2742, 12.0809



20.3616, 8.5265, -14.8260

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.



29.9366, 13.6998, -7.0375



29.9359, -9.2742, 12.0809



29.9366, -1.5486, -18.1041

Square

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



29.9366, -9.2750, 12.0812



29.9366, -14.2918, -7.1438



29.9366, 6.9381, -14.8768



29.9366, 13.6399, 8.3554

Rectangle

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



29.9359, -9.2742, 12.0809



29.9366, -15.8771, 4.1275



29.9366, 6.9381, -14.8768



29.9366, 15.9870, -1.1042

Sweetspot

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



29.9366, -9.2750, 12.0812



40.5448, -5.6657, 7.3157



24.1911, 5.3484, 7.3236



20.3662, -3.0416, 3.9512



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



29.9366, -9.2750, 12.0812



38.7215, -13.9493, 17.8423



28.8130, -13.5601, 11.0719



15.4652, -1.7043, 2.1360



34.5882, -19.0550, 20.9795



81.6783, -46.3597, 49.5182

Inverse Universe

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



20.3616, 8.5265, -14.8260



23.5940, 14.5779, -25.7759



22.0368, 13.3980, -11.6163



14.4495, 0.1439, -0.6105



11.8355, 29.2552, -62.0151



27.2667, 68.6078, -152.2447

Previews

White Background



This preview shows how the HunterLab color 29.9359, -9.2742, 12.0809 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 29.9359, -9.2742, 12.0809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

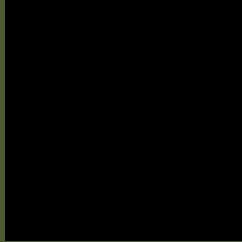
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

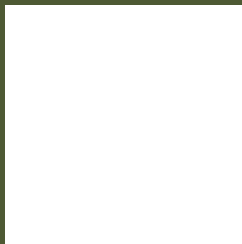
Any Text WCAG AAA × Fail

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

HunterLab 29.9359, -9.2742, 12.0809 Background



This preview shows how black text looks on a background with the HunterLab color 29.9359, -9.2742, 12.0809.



This preview shows how white text looks on a background with the HunterLab color 29.9359, -9.2742, 12.0809.

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

29.9359, -9.2742, 12.0809

Protanopia

29.7283, -3.1588, 12.4680

Deuteranopia

29.9444, 1.6313, 11.8112



Tritanopia

29.8158, -1.0607, -1.3279

Trichromacy



Original Color

29.9359, -9.2742, 12.0809

Protanomaly

29.8531, -5.4015, 12.3077

Deuteranomaly

29.8592, -2.6098, 11.9024

Tritanomaly

29.8041, -4.6003, 4.6827

Monochromacy



Original Color

29.9359, -9.2742, 12.0809

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.1347, -4.5203, 6.0819

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9359, -9.2742, 12.0809 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(77, 89, 51)` looks like.

```
.text, #text, p{  
    color:rgb(77, 89, 51)  
}
```

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(77, 89, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 89, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9359, -9.2742, 12.0809 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(77, 89, 51) }
```


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

```
.border{ border-color:rgb(77, 89, 51) }
```

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

Here you see how a box with a 4 pixel rgb(77, 89, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 89, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 89, 51);  
box-shadow:4px 4px 4px 4px rgb(77, 89, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.9359, -9.2742, 12.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 89, 51) }
```

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

```
.background{ background-color: rgb(77, 89,  
51) }
```

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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