

Converting Colors

HunterLab(29.7762, -8.4385,
-6.8020)

Have a look what the booklet for
HunterLab(29.7762, -8.4385,
-6.8020) contains.

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Color

**HunterLab(29.8741, -8.5357,
-6.6891)**

Conversions

Conversions Part 1

Format	Color
Hex	315A66
RGB	49, 90, 102
RGB Percent	19%, 35%, 40%
CMY	0.8078, 0.6471, 0.6000
CMYK	0.52, 0.12, 0.00, 0.60
HSL	194°, 35%, 30%
HSV	194°, 52%, 40%
XYZ	7.3211, 8.9246, 13.9071
YIQ	79.1090, -28.2880, -4.9600

Conversions

Conversions Part 2

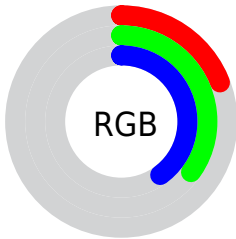
Format	Color
R_{YB}	49, 72, 102
Decimal	3234406
CIE _{Lab}	35.84, -10.70, -11.34
CIE _{LCh}	36, 15.596, 226.664
Yxy	8.9250, 0.2428, 0.2960
Android (android.graphics.Color)	4281424486 (0xFF315A66)
YUV	79.1090, 11.2853, -26.4056
Hunter-Lab	29.8741, -8.5357, -6.6891




Details

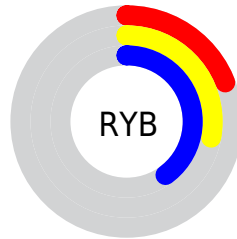
The HunterLab color **29.8741, -8.5357, -6.6891** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25.2671, 10.1994, 8.9289**, and the grayscale version is **27.9699, -1.4924, 1.5197**.




A 20% lighter version of the original color is **48.6916, -10.8893, -6.8838**, and **14.4125, -5.5262, -6.0848** is the 20% darker color. If you saturate the color by 10%, you get **28.8372, -9.0418, -8.2343**, and if you desaturate by 10%, it is **30.9897, -7.7598, -5.0903**.

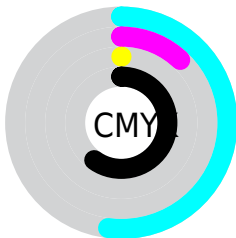
Distribution







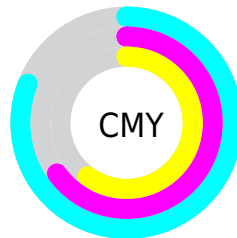
-  Red (19%)
-  Green (35%)
-  Blue (40%)






-  Red (19%)
-  Yellow (28%)
-  Blue (40%)



-  Cyan (52%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (81%)
-  Magenta (65%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8741, -8.5357, -6.6891 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 29.8741, -8.5357, -6.6891 by changing the saturation by 10% instead.

■ 29.8741, -8.5357,
-6.6891

■ 29.8741, -8.5357,
-6.6891

■ 135.2099,
-19.0599, -5.3591

■ 21.6616, -7.3197,
-6.5098

■ 48.7368, -10.8843,
-6.8076

■ 14.3801, -6.0426,
-6.2434

■ 59.2593, -12.0418,
-6.7626

■ 8.0403, -6.2301,
-6.1781

■ 70.4460, -13.1974,
-6.6565

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.2596, -14.3554,
-6.4941

0.0000, NaN, NaN

■ 94.6685, -15.5187,
-6.2799

0.0000, NaN, NaN

■ 107.6452,

0.0000, NaN, NaN

-16.6896, -6.0173

0.0000, NaN, NaN

121.1660,
-17.8696, -5.7095

■ 29.8741, -8.5357,
-6.6891

■ 29.8741, -8.5357,
-6.6891

■ 28.8372, -9.0418,
-8.2343

■ 30.9897, -7.7598,
-5.0903

■ 27.8787, -9.2665,
-9.7174

■ 32.1799, -6.7292,
-3.4493

■ 26.9993, -9.2058,
-11.1290

■ 33.4424, -5.4621,
-1.7748

■ 26.1957, -8.8697,
-12.4652

■ 34.7738, -3.9778,
-0.0752

■ 25.5693, -8.5316,
-13.5421

■ 36.1705, -2.2959,
1.6425

■ 37.6289, -0.4351,
3.3724

■ 39.1456, 1.5868,
5.1098

■ 40.7172, 3.7534,
6.8509

■ 42.3403, 6.0497,
8.5930

Harmonies

Analogous

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



29.8747, -11.0984, -1.4163



29.8741, -8.5357, -6.6891



29.8747, -4.0044, -9.9600

Triad

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



29.8747, -8.5358, -6.6886



29.8747, 9.4486, -0.7975



29.8747, -4.5786, 9.7714

Complementary

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



29.8741, -8.5357, -6.6891



25.2671, 10.1994, 8.9289

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.



29.8747, 0.8920, 9.8764



29.8741, -8.5357, -6.6891



29.8747, 9.2668, 4.3789

Square

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



29.8747, -8.5358, -6.6886



29.8747, 6.5224, -6.1653



29.8747, 6.0423, 8.0769



29.8747, -8.9298, 7.7582

Rectangle

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



29.8741, -8.5357, -6.6891



29.8747, -0.3539, -10.2401



29.8747, 6.0423, 8.0769



29.8747, -2.8174, 10.0164

Sweetspot

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



29.8747, -8.5358, -6.6886



45.2462, -6.1864, -1.1161



32.3841, -18.9335, 11.6729



21.8582, -3.1362, -0.6929



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



29.8747, -8.5358, -6.6886



37.9501, -12.0562, -11.2687



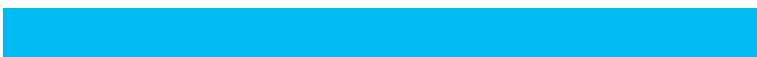
22.9810, 2.4995, -18.2269



17.5657, -1.7406, 0.2220



28.8766, -9.5299, -15.5210



64.9137, -20.3239, -37.2630

Inverse Universe

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



23.9997, 20.6510, -8.7471



29.1259, 33.6260, -13.8627



31.4014, -1.2858, 13.8399



16.9675, 0.9281, -0.0120



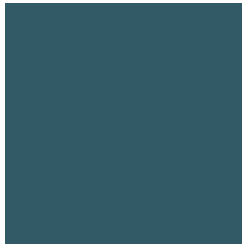
20.8454, 39.1399, -13.2079



47.4623, 88.8762, -28.2109

Previews

White Background



This preview shows how the HunterLab color 29.8741, -8.5357, -6.6891 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 29.8741, -8.5357, -6.6891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

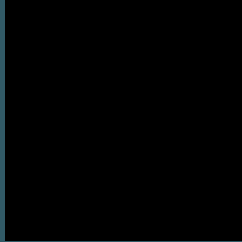
Any Text WCAG AA × Fail

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 29.8741, -8.5357, -6.6891 Background



This preview shows how black text looks on a background with the HunterLab color 29.8741, -8.5357, -6.6891.



This preview shows how white text looks on a background with the HunterLab color 29.8741, -8.5357, -6.6891.

-6.6891.

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

29.8741, -8.5357, -6.6891

Protanopia

29.6630, 0.1076, -4.3248

Deuteranopia

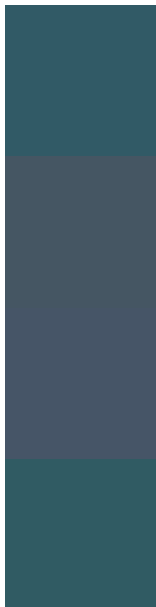
29.7118, 2.0478, -7.7904



Tritanopia

29.9873, -9.8303, -4.5408

Trichromacy



Original Color

29.8741, -8.5357, -6.6891

Protanomaly

29.7012, -3.6931, -5.3269

Deuteranomaly

29.6283, -2.3121, -7.4620

Tritanomaly

30.0190, -9.6482, -4.9860

Monochromacy



Original Color

29.8741, -8.5357, -6.6891

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.4668, -4.6855, -1.3210

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8741, -8.5357, -6.6891 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(49, 90, 102)` looks like.

```
.text, #text, p{  
    color:rgb(49, 90, 102)  
}
```

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(49, 90, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 90, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8741, -8.5357, -6.6891 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(49, 90, 102) }
```


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

```
.border{ border-color:rgb(49, 90, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 90, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 90, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 90, 102);  
box-shadow:4px 4px 4px 4px rgb(49, 90,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.8741, -8.5357, -6.6891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 90, 102) }
```

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

```
.background{ background-color: rgb(49, 90,  
102) }
```

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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