

Converting Colors

HunterLab(29.7151, -7.8715,
-6.7768)

Have a look what the booklet for
HunterLab(29.7151, -7.8715,
-6.7768) contains.

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Color

**HunterLab(29.6781, -7.8146,
-6.9621)**

Conversions

Conversions Part 1

Format	Color
Hex	335966
RGB	51, 89, 102
RGB Percent	20%, 35%, 40%
CMY	0.8000, 0.6510, 0.6000
CMYK	0.50, 0.13, 0.00, 0.60
HSL	195°, 33%, 30%
HSV	195°, 50%, 40%
XYZ	7.3359, 8.8079, 13.8839
YIQ	79.1200, -26.8210, -4.0130

Conversions

Conversions Part 2

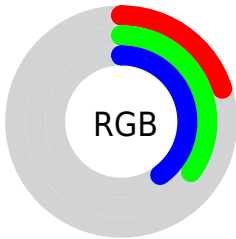
Format	Color
RYB	51, 73, 102
Decimal	3365222
CIELab	35.61, -9.58, -11.68
CIELCh	36, 15.106, 230.635
Yxy	8.8082, 0.2443, 0.2933
Android (android.graphics.Color)	4281555302 (0xFF335966)
YUV	79.1200, 11.2798, -24.6612
Hunter-Lab	29.6781, -7.8146, -6.9621

Details

The HunterLab color **29.6781, -7.8146, -6.9621** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25.9438, 9.0256, 8.9863**, and the grayscale version is **27.9735, -1.4926, 1.5199**.

A 20% lighter version of the original color is **48.5096, -10.0132, -7.1183**, and **14.1548, -5.1809, -6.5083** is the 20% darker color. If you saturate the color by 10%, you get **28.5423, -8.2677, -8.6696**, and if you desaturate by 10%, it is **30.8922, -7.0967, -5.2147**.

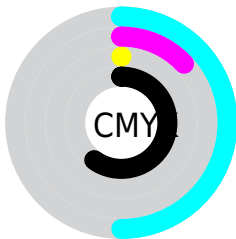
Distribution



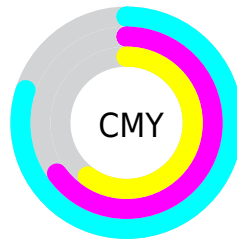
- Red (20%)
- Green (35%)
- Blue (40%)



- Red (20%)
- Yellow (29%)
- Blue (40%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6781, -7.8146, -6.9621 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 29.6781, -7.8146, -6.9621 by changing the saturation by 10% instead.

■ 29.6781, -7.8146,
-6.9621

■ 29.6781, -7.8146,
-6.9621

■ 134.8854,
-17.8124, -5.7607

■ 21.4856, -6.6827,
-6.7665

■ 48.5060, -10.0186,
-7.1126

■ 14.2266, -5.5018,
-6.4849

■ 59.0130, -11.1120,
-7.0829

■ 7.8824, -5.7176,
-6.4836

■ 70.1850, -12.2076,
-6.9915

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.9848, -13.3090,
-6.8434

0.0000, NaN, NaN

■ 94.3804, -14.4187,
-6.6429

0.0000, NaN, NaN

■ 107.3445,

0.0000, NaN, NaN

-15.5384, -6.3936

0.0000, NaN, NaN

120.8533,

-16.6693, -6.0986

■ 29.6781, -7.8146,
-6.9621

■ 29.6781, -7.8146,
-6.9621

■ 28.5423, -8.2677,
-8.6696

■ 30.8922, -7.0967,
-5.2147

■ 27.4853, -8.4418,
-10.3281

■ 32.1799, -6.1312,
-3.4389

■ 26.5089, -8.3289,
-11.9266

■ 33.5382, -4.9375,
-1.6430

■ 25.6123, -7.9303,
-13.4564

■ 34.9634, -3.5355,
0.1655

■ 24.7558, -7.3938,
-14.9814

■ 36.4517, -1.9447,
1.9808

■ 24.7557, -7.3937,
-14.9817

■ 37.9993, -0.1836,
3.7980

■ 39.6027, 1.7307,
5.6136

■ 41.2584, 3.7825,
7.4250

■ 42.9632, 5.9576,
9.2304

Harmonies

Analogous

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



29.6787, -10.5873, -2.0330



29.6781, -7.8146, -6.9621



29.6787, -3.2359, -9.7145

Triad

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



29.6787, -7.8148, -6.9616



29.6787, 9.2286, -0.0165



29.6787, -5.1142, 9.3731

Complementary

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



29.6781, -7.8146, -6.9621



25.9438, 9.0256, 8.9863

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.



29.6787, 0.1024, 9.7204



29.6781, -7.8146, -6.9621



29.6787, 8.6370, 4.8525

Square

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



29.6787, -7.8148, -6.9616



29.6787, 6.7685, -5.2635



29.6787, 5.2048, 8.2124



29.6787, -9.1063, 7.1618

Rectangle

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



29.6781, -7.8146, -6.9621



29.6787, 0.3317, -9.6633



29.6787, 5.2048, 8.2124



29.6787, -3.4546, 9.6943

Sweetspot

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



29.6787, -7.8148, -6.9616



45.2659, -5.7232, -1.0834



32.5179, -18.2882, 10.9406



21.8518, -2.9102, -0.6971



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.



29.6787, -7.8148, -6.9616



37.5495, -11.0154, -11.8647



23.0262, 2.9846, -18.1270



17.5305, -1.6836, 0.1801



27.9433, -8.2208, -17.1804



62.6671, -17.1306, -41.3485

Inverse Universe

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



24.3187, 19.5887, -7.7154



29.4634, 32.2098, -12.3172



32.0164, -2.1131, 13.8909



16.9638, 0.9084, 0.0403



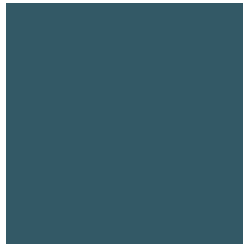
20.7166, 38.6823, -11.4538



47.1565, 87.7882, -24.0341

Previews

White Background



This preview shows how the HunterLab color 29.6781, -7.8146, -6.9621 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 29.6781, -7.8146, -6.9621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

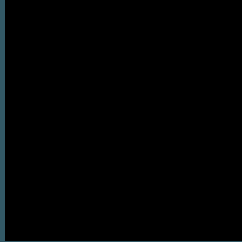
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

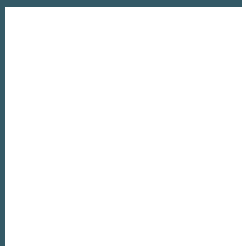
Any Text WCAG AAA × Fail

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

HunterLab 29.6781, -7.8146, -6.9621 Background



This preview shows how black text looks on a background with the HunterLab color 29.6781, -7.8146, -6.9621.



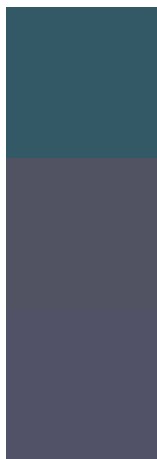
This preview shows how white text looks on a background with the HunterLab color 29.6781, -7.8146, -6.9621.

-6.9621.

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

29.6781, -7.8146, -6.9621

Protanopia

29.6946, 0.2790, -4.7694

Deuteranopia

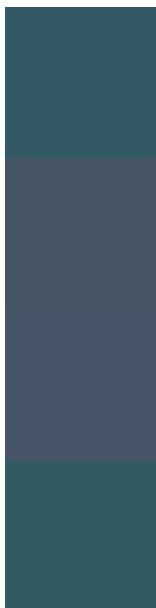
29.6368, 1.7958, -7.9072



Tritanopia

29.7126, -9.4607, -4.4240

Trichromacy



Original Color

29.6781, -7.8146, -6.9621

Protanomaly

29.4957, -3.0436, -5.6065

Deuteranomaly

29.6283, -2.3121, -7.4620

Tritanomaly

29.8183, -8.9391, -5.2542

Monochromacy



Original Color

29.6781, -7.8146, -6.9621

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.5304, -4.4574, -1.2359

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6781, -7.8146, -6.9621 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(51, 89, 102)` looks like.

```
.text, #text, p{  
  color:rgb(51, 89, 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(51, 89, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 89, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6781, -7.8146, -6.9621 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(51, 89, 102) }
```


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

```
.border{ border-color:rgb(51, 89, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 89, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 89, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 89, 102);  
box-shadow:4px 4px 4px 4px rgb(51, 89,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.6781, -7.8146, -6.9621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 89, 102) }
```

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

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