

Converting Colors

HunterLab(35.0890, -12.8591,
-16.0991)

Have a look what the booklet for
HunterLab(35.0890, -12.8591,
-16.0991) contains.

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Color

**HunterLab(34.9412,
-12.6597, -16.3447)**

Conversions

Conversions Part 1

Format	Color
Hex	006B85
RGB	0, 107, 133
RGB Percent	0%, 42%, 52%
CMY	0.9999, 0.5804, 0.4784
CMYK	1.00, 0.20, 0.00, 0.48
HSL	192°, 100%, 26%
HSV	192°, 100%, 52%
XYZ	9.4914, 12.2089, 24.0466
YIQ	77.9710, -72.1180, -14.5980

Conversions

Conversions Part 2

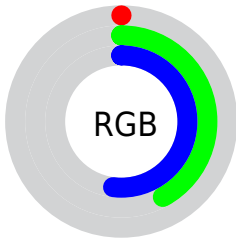
Format	Color
RYB	0, 59, 133
Decimal	27525
CIELab	41.55, -16.07, -21.67
CIELCh	42, 26.982, 233.440
Yxy	12.2093, 0.2075, 0.2669
Android (android.graphics.Color)	4278217605 (0xFF006B85)
YUV	77.9710, 27.1293, -68.3806
Hunter-Lab	34.9412, -12.6597, -16.3447

Details

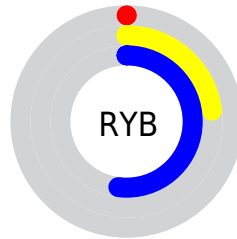
The HunterLab color **34.9412, -12.6597, -16.3447** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **23.9296, 33.0371, 15.3223**, and the grayscale version is **27.5177, -1.4683, 1.4951**.

A 20% lighter version of the original color is **54.5017, -15.4713, -17.2228**, and **19.3713, -5.1011, -13.2005** is the 20% darker color. If you saturate the color by 10%, you get **34.9405, -12.6587, -16.3462**, and if you desaturate by 10%, it is **35.8436, -13.2379, -14.8513**.

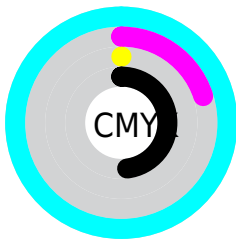
Distribution



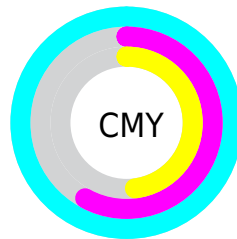
- Red (0%)
- Green (42%)
- Blue (52%)



- Red (0%)
- Yellow (23%)
- Blue (52%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9412, -12.6597, -16.3447 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 34.9412, -12.6597, -16.3447 by changing the saturation by 10% instead.

■ 34.9412, -12.6597,
-16.3447

■ 34.9412, -12.6597,
-16.3447

■ 143.4524,
-25.6518, -17.9347

■ 26.2419, -11.0764,
-15.8734

■ 54.6587, -15.6637,
-17.1161

■ 18.4151, -9.3981,
-15.3813

■ 65.5653, -17.1187,
-17.4067

■ 11.5723, -7.5627,
-14.9742

■ 77.1139, -18.5560,
-17.6346

■ 4.1382, -7.2418,
-24.4057

■ 89.2708, -19.9819,
-17.8027

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 102.0069,
-21.4012, -17.9138

0.0000, NaN, NaN

■ 115.2969,

0.0000, NaN, NaN

-22.8176, -17.9711

0.0000, NaN, NaN

129.1187,
-24.2337, -17.9772

■ 34.9412, -12.6597,
-16.3447

■ 34.9412, -12.6597,
-16.3447

■ 34.9405, -12.6587,
-16.3462

■ 35.8436, -13.2379,
-14.8513

■ 36.8162, -13.5580,
-13.2878

■ 37.8938, -13.4910,
-11.6063

■ 39.0806, -13.0252,
-9.8125

■ 40.3776, -12.1633,
-7.9168

■ 41.7837, -10.9187,
-5.9321

■ 43.2963, -9.3122,
-3.8718

■ 44.9117, -7.3686,
-1.7494

■ 46.6257, -5.1154,
0.4230

Harmonies

Analogous

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



34.9418, -17.9032, -6.2390



34.9412, -12.6597, -16.3447



34.9418, -4.0492, -21.7650

Triad

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



34.9418, -12.6595, -16.3441



34.9418, 19.5047, -0.2666



34.9418, -9.2336, 14.9241

Complementary

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



34.9412, -12.6597, -16.3447



23.9296, 33.0371, 15.3223

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.



34.9418, 0.3716, 15.6901



34.9412, -12.6597, -16.3447



34.9418, 17.7136, 8.4591

Square

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



34.9418, -12.6595, -16.3441



34.9418, 15.0702, -10.9319



34.9418, 10.4203, 13.6902



34.9418, -16.0873, 11.1843

Rectangle

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



34.9412, -12.6597, -16.3447



34.9418, 2.7447, -21.1491



34.9418, 10.4203, 13.6902



34.9418, -6.2499, 15.4843

Sweetspot

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



34.9418, -12.6595, -16.3441



57.7937, -12.6262, -5.3761



41.0402, -34.6030, 23.4029



27.0824, -6.3777, -3.0233



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.



34.9418, -12.6595, -16.3441



46.5216, -16.6202, -22.2696



18.3269, 17.2746, -60.1942



22.6458, -2.3759, 0.2964



34.1171, -12.3765, -15.9260



2.2388, -1.0287, -0.5777

Inverse Universe

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



24.5939, 46.4297, -17.5671



32.8764, 62.0161, -23.0518



35.2846, 6.0650, 21.8474



21.7891, 1.3546, -0.1597



24.0041, 45.3245, -17.1760



1.4474, 2.7894, -1.4723

Previews

White Background



This preview shows how the HunterLab color 34.9412, -12.6597, -16.3447 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 34.9412, -12.6597, -16.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

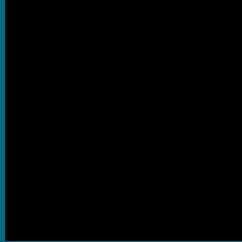
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 34.9412, -12.6597, -16.3447 Background



This preview shows how black text looks on a background with the HunterLab color 34.9412, -12.6597, -16.3447.



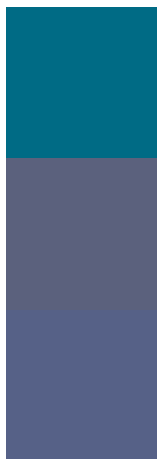
This preview shows how white text looks on a background with the HunterLab color 34.9412, -12.6597, -16.3447.

-12.6597, -16.3447.

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

34.9412, -12.6597, -16.3447

Protanopia

35.0060, 1.4116, -11.2662

Deuteranopia

35.0387, 2.2887, -17.1557



Tritanopia

34.9595, -16.8621, -7.2958

Trichromacy



Original Color

34.9412, -12.6597, -16.3447

Protanomaly

34.3007, -6.4521, -14.2772

Deuteranomaly

34.4105, -5.5834, -17.7556

Tritanomaly

34.8643, -15.2527, -10.6511

Monochromacy



Original Color

34.9412, -12.6597, -16.3447

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

29.5037, -8.7221, -5.1938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9412, -12.6597, -16.3447 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(0, 107, 133)` looks like.

```
.text, #text, p{  
  color:rgb(0, 107, 133)  
}
```

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(0, 107, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9412, -12.6597, -16.3447 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(0, 107, 133) }
```


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

```
.border{ border-color:rgb(0, 107, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9412, -12.6597, -16.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 133) }
```

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

```
.background{ background-color: rgb(0, 107,  
133) }
```

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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