

Converting Colors

HunterLab(36.2833, -12.0337,
-27.4353)

Have a look what the booklet for
HunterLab(36.2833, -12.0337,
-27.4353) contains.

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Color

**HunterLab(36.9713, -9.4947,
-25.7146)**

Conversions

Conversions Part 1

Format	Color
Hex	006F99
RGB	0, 111, 153
RGB Percent	0%, 44%, 60%
CMY	0.9999, 0.5647, 0.4000
CMYK	1.00, 0.27, 0.00, 0.40
HSL	196°, 100%, 30%
HSV	196°, 100%, 60%
XYZ	11.4342, 13.6688, 32.1726
YIQ	82.5990, -79.6380, -10.4700

Conversions

Conversions Part 2

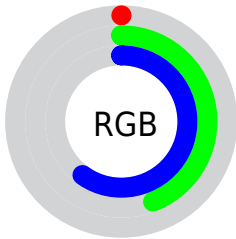
Format	Color
R_{YB}	0, 64, 153
Decimal	28569
CIE _{Lab}	43.75, -10.73, -30.19
CIE _{LCh}	44, 32.037, 250.426
Yxy	13.6692, 0.1996, 0.2387
Android (android.graphics.Color)	4278218649 (0xFF006F99)
YUV	82.5990, 34.7077, -72.4393
Hunter-Lab	36.9713, -9.4947, -25.7146

Details

The HunterLab color **36.9713, -9.4947, -25.7146** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **29.0345, 35.0502, 18.5031**, and the grayscale version is **29.1667, -1.5563, 1.5847**.

A 20% lighter version of the original color is **57.1662, -11.8976, -26.8742**, and **21.2469, -2.1005, -22.0224** is the 20% darker color. If you saturate the color by 10%, you get **36.9698, -9.4922, -25.7180**, and if you desaturate by 10%, it is **38.3559, -10.7846, -23.1397**.

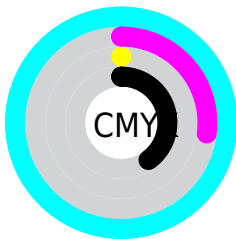
Distribution



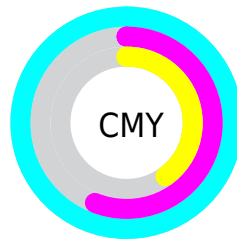
- Red (0%)
- Green (44%)
- Blue (60%)



- Red (0%)
- Yellow (25%)
- Blue (60%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9713, -9.4947, -25.7146 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 36.9713, -9.4947, -25.7146 by changing the saturation by 10% instead.

36.9713, -9.4947,
-25.7146

36.9713, -9.4947,
-25.7146

146.6844,
-20.0436, -29.2616

28.0909, -8.3039,
-25.1408

57.0096, -11.8246,
-26.8439

20.0631, -7.0756,
-24.6620

68.0612, -12.9819,
-27.3486

12.9912, -5.7773,
-24.5161

79.7469, -14.1406,
-27.8012

6.4473, -7.5986,
-28.6766

92.0340, -15.3041,
-28.1995

0.0000, NaN, -NF

0.0000, NaN, -NF

104.8944,
-16.4747, -28.5435

0.0000, NaN, NaN

118.3036,

0.0000, NaN, NaN

-17.6540, -28.8341

0.0000, NaN, NaN

132.2401,
-18.8433, -29.0729

■ 36.9713, -9.4947,
-25.7146

■ 36.9713, -9.4947,
-25.7146

■ 36.9698, -9.4922,
-25.7180

■ 38.3559, -10.7846,
-23.1397

■ 39.8435, -11.7168,
-20.5001

■ 41.4669, -12.1681,
-17.7521

■ 43.2277, -12.1328,
-14.9112

■ 45.1239, -11.6238,
-11.9968

■ 47.1511, -10.6658,
-9.0284

■ 49.3035, -9.2902,
-6.0237

■ 51.5744, -7.5319,
-2.9978

■ 53.9569, -5.4262,
0.0370

Harmonies

Analogous

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



36.9719, -18.1590, -15.5335



36.9713, -9.4947, -25.7146



36.9719, 2.3571, -27.2659

Triad

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



36.9719, -9.4943, -25.7139



36.9719, 23.9764, 5.8193



36.9719, -15.9617, 15.2667

Complementary

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



36.9713, -9.4947, -25.7146



29.0345, 35.0502, 18.5031

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.



36.9719, -6.1158, 17.8965



36.9713, -9.4947, -25.7146



36.9719, 17.5839, 13.7354

Square

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



36.9719, -9.4943, -25.7139



36.9719, 22.7648, -6.2514



36.9719, 6.1985, 17.4453



36.9719, -21.5449, 8.7220

Rectangle

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



36.9713, -9.4947, -25.7146



36.9719, 10.6413, -22.7955



36.9719, 6.1985, 17.4453



36.9719, -13.0973, 16.5241

Sweetspot

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



36.9719, -9.4943, -25.7139



65.7997, -12.5596, -8.3068



47.8974, -39.8874, 26.2397



30.3911, -6.2588, -4.6325



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



36.9719, -9.4943, -25.7139



49.1468, -12.2241, -35.0410



18.8278, 27.4669, -82.8216



25.9608, -2.5189, 0.1282



33.6949, -8.7539, -23.2185



4.7876, -1.9863, -1.6962

Inverse Universe

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



28.1436, 52.2699, -13.4262



37.6178, 69.7981, -17.3697



44.2340, 1.4178, 27.2807



25.0892, 1.5479, 0.0097



25.5958, 47.5616, -12.3598



3.2241, 6.1500, -2.7901

Previews

White Background



This preview shows how the HunterLab color 36.9713, -9.4947, -25.7146 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 36.9713, -9.4947, -25.7146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

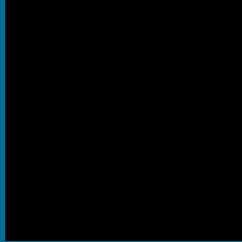
Any Text WCAG AA × Fail

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 36.9713, -9.4947, -25.7146 Background



This preview shows how black text looks on a background with the HunterLab color 36.9713, -9.4947, -25.7146.

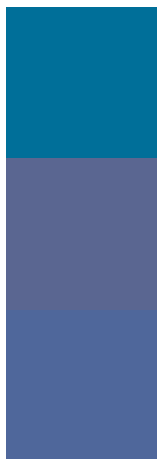


This preview shows how white text looks on a background with the HunterLab color 36.9713, -9.4947, -25.7146.

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

36.9713, -9.4947, -25.7146

Protanopia

37.0415, 3.0212, -20.0003

Deuteranopia

37.0531, 2.5579, -26.7441



Tritanopia

37.0021, -17.9319, -7.5396

Trichromacy



Original Color

36.9713, -9.4947, -25.7146

Protanomaly

36.2093, -3.7950, -23.6301

Deuteranomaly

36.4956, -3.6973, -27.2428

Tritanomaly

37.0889, -15.2360, -13.4678

Monochromacy



Original Color

36.9713, -9.4947, -25.7146

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

31.0939, -7.9761, -8.0323

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9713, -9.4947, -25.7146 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, 111, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 153)  
}
```

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, 111, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9713, -9.4947, -25.7146 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, 111, 153) }
```


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

```
.border{ border-color:rgb(0, 111, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.9713, -9.4947, -25.7146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 153) }
```

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

```
.background{ background-color: rgb(0, 111,  
153) }
```

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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