

Converting Colors

HunterLab(37.4817, -9.4235,
-26.5062)

Have a look what the booklet for
HunterLab(37.4817, -9.4235,
-26.5062) contains.

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Color

**HunterLab(37.4014, -9.1606,
-26.9734)**

Conversions

Conversions Part 1

Format	Color
Hex	00709C
RGB	0, 112, 156
RGB Percent	0%, 44%, 61%
CMY	0.9999, 0.5608, 0.3882
CMYK	1.00, 0.28, 0.00, 0.39
HSL	197°, 100%, 31%
HSV	197°, 100%, 61%
XYZ	11.7949, 13.9886, 33.5309
YIQ	83.5280, -80.8760, -10.0600

Conversions

Conversions Part 2

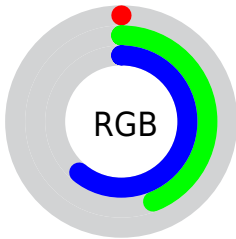
Format	Color
RYB	0, 65, 156
Decimal	28828
CIELab	44.22, -10.16, -31.24
CIELCh	44, 32.847, 251.986
Yxy	13.9891, 0.1989, 0.2358
Android (android.graphics.Color)	4278218908 (0xFF00709C)
YUV	83.5280, 35.7287, -73.2541
Hunter-Lab	37.4014, -9.1606, -26.9734

Details

The HunterLab color **37.4014, -9.1606, -26.9734** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **29.7846, 35.4480, 18.9723**, and the grayscale version is **29.5013, -1.5741, 1.6029**.

A 20% lighter version of the original color is **57.6476, -11.4870, -28.0627**, and **21.6015, -2.0054, -22.6710** is the 20% darker color. If you saturate the color by 10%, you get **37.3997, -9.1579, -26.9771**, and if you desaturate by 10%, it is **38.8470, -10.5454, -24.2520**.

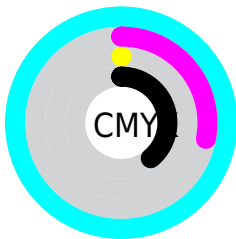
Distribution



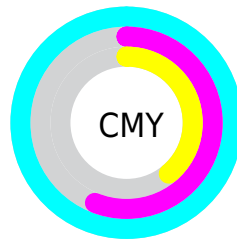
- Red (0%)
- Green (44%)
- Blue (61%)



- Red (0%)
- Yellow (25%)
- Blue (61%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4014, -9.1606, -26.9734 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 37.4014, -9.1606, -26.9734 by changing the saturation by 10% instead.

37.4014, -9.1606,
-26.9734

37.4014, -9.1606,
-26.9734

147.3645,
-19.4544, -30.7188

28.4835, -8.0106,
-26.3956

57.5063, -11.4203,
-28.1327

20.4142, -6.8291,
-25.9278

68.5880, -12.5464,
-28.6581

13.2953, -5.5868,
-25.8211

80.3021, -13.6761,
-29.1334

6.8329, -6.8430,
-29.3161

92.6164, -14.8122,
-29.5557

0.0000, NaN, -NF

0.0000, NaN, -NF

105.5027,
-15.9568, -29.9244

0.0000, NaN, NaN

118.9368,

0.0000, NaN, NaN

-17.1113, -30.2402

0.0000, NaN, NaN

132.8971,
-18.2769, -30.5045

■ 37.4014, -9.1606,
-26.9734

■ 37.4014, -9.1606,
-26.9734

■ 37.3997, -9.1579,
-26.9771

■ 38.8470, -10.5454,
-24.2520

■ 40.4004, -11.5574,
-21.4666

■ 42.0943, -12.0743,
-18.5745

■ 43.9299, -12.0912,
-15.5926

■ 45.9049, -11.6221,
-12.5410

■ 48.0143, -10.6932,
-9.4402

■ 50.2519, -9.3377,
-6.3082

■ 52.6108, -7.5914,
-3.1603

■ 55.0836, -5.4912,
-0.0086

Harmonies

Analogous

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



37.4020, -18.2733, -16.7679



37.4014, -9.1606, -26.9734



37.4020, 3.1379, -28.0353

Triad

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



37.4020, -9.1602, -26.9726



37.4020, 24.6059, 6.4893



37.4020, -16.7876, 15.3786

Complementary

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



37.4014, -9.1606, -26.9734



29.7846, 35.4480, 18.9723

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.



37.4020, -6.8703, 18.2314



37.4014, -9.1606, -26.9734



37.4020, 17.6468, 14.3507

Square

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



37.4020, -9.1602, -26.9726



37.4020, 23.7803, -5.7674



37.4020, 5.7480, 17.9303



37.4020, -22.2613, 8.4523

Rectangle

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



37.4014, -9.1606, -26.9734



37.4020, 11.6382, -23.0847



37.4020, 5.7480, 17.9303



37.4020, -13.9226, 16.7243

Sweetspot

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



37.4020, -9.1602, -26.9726



67.5353, -12.7113, -8.7598



48.9303, -40.7571, 26.8260



31.1208, -6.3216, -4.8827



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



37.4020, -9.1602, -26.9726



50.0574, -11.8321, -37.0252



19.2036, 28.1577, -84.7825



26.8196, -2.5844, 0.1070



34.0321, -8.4424, -24.3124



5.2376, -2.0817, -2.0528

Inverse Universe

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



28.7026, 53.2250, -13.0476



38.6353, 71.5721, -16.9568



45.1736, 1.4756, 27.8606



25.9280, 1.6073, 0.0255



26.0603, 48.3496, -12.0012



3.5808, 6.8059, -2.9087

Previews

White Background



This preview shows how the HunterLab color 37.4014, -9.1606, -26.9734 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 37.4014, -9.1606, -26.9734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

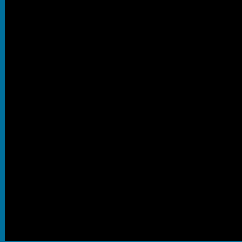
Any Text WCAG AA × Fail

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 37.4014, -9.1606, -26.9734 Background



This preview shows how black text looks on a background with the HunterLab color 37.4014, -9.1606, -26.9734.

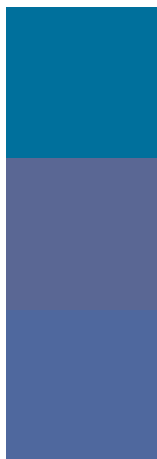


This preview shows how white text looks on a background with the HunterLab color 37.4014, -9.1606, -26.9734.

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

37.4014, -9.1606, -26.9734

Protanopia

37.4330, 3.2162, -21.2537

Deuteranopia

37.4587, 2.8112, -28.0693



Tritanopia

37.3784, -17.9102, -8.0569

Trichromacy



Original Color

37.4014, -9.1606, -26.9734

Protanomaly

36.6228, -3.5191, -24.8943

Deuteranomaly

36.9159, -3.3930, -28.5433

Tritanomaly

37.4687, -15.1928, -14.0358

Monochromacy



Original Color

37.4014, -9.1606, -26.9734

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.4453, -7.9972, -8.5781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4014, -9.1606, -26.9734 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, 112, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 156)  
}
```

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, 112, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4014, -9.1606, -26.9734 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, 112, 156) }
```


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

```
.border{ border-color:rgb(0, 112, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4014, -9.1606, -26.9734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 156) }
```

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

```
.background{ background-color: rgb(0, 112,  
156) }
```

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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