

Converting Colors

HunterLab(42.6640, -9.1948,
-33.1391)

Have a look what the booklet for
HunterLab(42.6640, -9.1948,
-33.1391) contains.

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Color

**HunterLab(42.6640, -9.1948,
-33.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	047EB3
RGB	4, 126, 179
RGB Percent	2%, 49%, 70%
CMY	0.9842, 0.5059, 0.2980
CMYK	0.98, 0.30, 0.00, 0.30
HSL	198°, 96%, 36%
HSV	198°, 98%, 70%
XYZ	15.6476, 18.2022, 45.3365
YIQ	95.5640, -89.7250, -9.3810

Conversions

Conversions Part 2

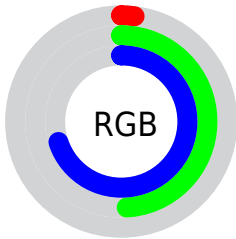
Format	Color
RYB	4, 76, 179
Decimal	294579
CIELab	49.74, -9.33, -36.00
CIELCh	50, 37.188, 255.474
Yxy	18.2028, 0.1976, 0.2299
Android (android.graphics.Color)	4278484659 (0xFF047EB3)
YUV	95.5640, 41.1339, -80.3016
Hunter-Lab	42.6640, -9.1948, -33.1391

Details

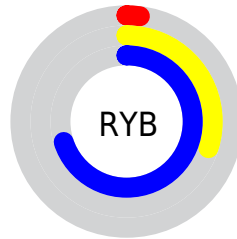
The HunterLab color **42.6640, -9.1948, -33.1391** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **35.3865, 39.3497, 22.2999**, and the grayscale version is **33.9179, -1.8098, 1.8428**.

A 20% lighter version of the original color is **63.6911, -11.6039, -34.1232**, and **26.1039, -1.7829, -28.7788** is the 20% darker color. If you saturate the color by 10%, you get **42.2684, -8.7559, -33.9303**, and if you desaturate by 10%, it is **44.4647, -11.0155, -29.6618**.

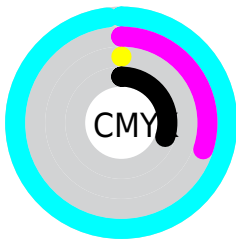
Distribution



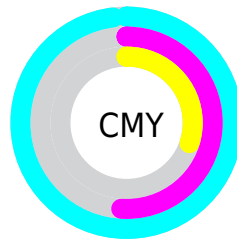
- Red (2%)
- Green (49%)
- Blue (70%)



- Red (2%)
- Yellow (30%)
- Blue (70%)



- Cyan (98%)
- Magenta (30%)
- Yellow (0%)
- Black (30%)



- Cyan (98%)
- Magenta (51%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.6640, -9.1948, -33.1391 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 42.6640, -9.1948, -33.1391 by changing the saturation by 10% instead.

■ 42.6640, -9.1948,
-33.1391

■ 42.6640, -9.1948,
-33.1391

■ 155.5672,
-19.1591, -37.5818

■ 33.3102, -8.1090,
-32.5338

■ 63.5473, -11.3533,
-34.4022

■ 24.7613, -7.0074,
-32.0553

■ 74.9827, -12.4378,
-34.9973

■ 17.1027, -5.8714,
-31.9245

■ 87.0320, -13.5299,
-35.5501

■ 10.4533, -4.6790,
-32.7741

■ 99.6654, -14.6317,
-36.0555

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.8571,
-15.7446, -36.5114

0.0000, NaN, -NF

■ 126.5844,

0.0000, NaN, NaN

-16.8697, -36.9174

0.0000, NaN, NaN

140.8271,
-18.0076, -37.2739

■ 42.6640, -9.1948,
-33.1391

■ 42.6640, -9.1948,
-33.1391

■ 42.2684, -8.7559,
-33.9303

■ 44.4647, -11.0155,
-29.6618

■ 46.4219, -12.2980,
-26.0806

■ 48.5510, -12.9809,
-22.3919

■ 50.8516, -13.0661,
-18.6196

■ 53.3187, -12.5769,
-14.7899

■ 55.9452, -11.5496,
-10.9270

■ 58.7224, -10.0271,
-7.0515

■ 61.6410, -8.0545,
-3.1796

■ 64.6920, -5.6765,
0.6766

Harmonies

Analogous

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



42.6647, -20.4804, -21.8782



42.6640, -9.1948, -33.1391



42.6647, 5.5938, -32.9371

Triad

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



42.6647, -9.1943, -33.1382



42.6647, 28.8071, 8.9404



42.6647, -20.7545, 17.2945

Complementary

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



42.6640, -9.1948, -33.1391



35.3865, 39.3497, 22.2999

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.



42.6647, -9.6189, 21.0589



42.6640, -9.1948, -33.1391



42.6647, 19.6011, 17.4814

Square

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



42.6647, -9.1943, -33.1382



42.6647, 28.9619, -5.0525



42.6647, 5.1073, 21.1130



42.6647, -26.5099, 8.5780

Rectangle

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



42.6640, -9.1948, -33.1391



42.6647, 15.5512, -26.1799



42.6647, 5.1073, 21.1130



42.6647, -17.5896, 19.0266

Sweetspot

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



42.6647, -9.1943, -33.1382



77.9245, -13.8191, -10.3410



57.0589, -46.9921, 30.3790



35.9353, -6.9242, -5.8982



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



42.6647, -9.1943, -33.1382



56.2007, -11.1647, -46.1446



21.7566, 35.0569, -102.2026



30.3122, -2.8684, 0.0339



35.6980, -7.6107, -28.1901



7.0551, -2.3880, -3.6633

Inverse Universe

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



33.4331, 61.0878, -13.3344



44.4570, 81.9824, -16.6087



54.3519, -1.2318, 33.3435



29.3292, 1.8554, 0.0729



27.9760, 51.6782, -11.1347



5.0599, 9.5139, -3.3090

Previews

White Background



This preview shows how the HunterLab color 42.6640, -9.1948, -33.1391 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 42.6640, -9.1948, -33.1391 looks on a black 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

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

HunterLab 42.6640, -9.1948, -33.1391 Background



This preview shows how black text looks on a background with the HunterLab color 42.6640, -9.1948, -33.1391.



This preview shows how white text looks on a background with the HunterLab color 42.6640, -9.1948, -33.1391.

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

42.6640, -9.1948, -33.1391

Protanopia

42.5915, 4.4714, -27.3105

Deuteranopia

42.7452, 3.1046, -34.2430



Tritanopia

42.6095, -20.4252, -9.1660

Trichromacy



Original Color

42.6640, -9.1948, -33.1391

Protanomaly

41.9675, -3.1091, -30.7673

Deuteranomaly

42.2028, -3.1937, -34.7136

Tritanomaly

42.5130, -16.5428, -17.3414

Monochromacy



Original Color

42.6640, -9.1948, -33.1391

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

36.1642, -8.6307, -10.2277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.6640, -9.1948, -33.1391 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(4, 126, 179)` looks like.

```
.text, #text, p{  
    color:rgb(4, 126, 179)  
}
```

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(4, 126, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 126, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 42.6640, -9.1948, -33.1391 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(4, 126, 179) }
```


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

```
.border{ border-color:rgb(4, 126, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 126, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 126, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 126, 179);  
box-shadow:4px 4px 4px 4px rgb(4, 126,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.6640, -9.1948, -33.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 126, 179) }
```

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

```
.background{ background-color: rgb(4, 126,  
179) }
```

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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