

Converting Colors

HunterLab(33.2219, -5.6587,
-31.6450)

Have a look what the booklet for
HunterLab(33.2219, -5.6587,
-31.6450) contains.

HunterLab(33.4037, -4.7640, -31.4676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.4037, -4.7640,
-31.4676)**

Conversions

Conversions Part 1

Format	Color
Hex	006397
RGB	0, 99, 151
RGB Percent	0%, 39%, 59%
CMY	0.9999, 0.6118, 0.4078
CMYK	1.00, 0.34, 0.00, 0.41
HSL	201°, 100%, 30%
HSV	201°, 100%, 59%
XYZ	10.0478, 11.1581, 30.9023
YIQ	75.3270, -75.6960, -4.8160

Conversions

Conversions Part 2

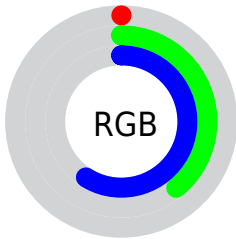
Format	Color
RYB	0, 60, 151
Decimal	25495
CIELab	39.85, -4.29, -35.15
CIELCh	40, 35.409, 263.034
Yxy	11.1584, 0.1928, 0.2141
Android (android.graphics.Color)	4278215575 (0xFF006397)
YUV	75.3270, 37.3068, -66.0618
Hunter-Lab	33.4037, -4.7640, -31.4676

Details

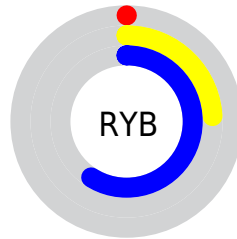
The HunterLab color **33.4037, -4.7640, -31.4676** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **30.0624, 30.4690, 19.0564**, and the grayscale version is **26.5354, -1.4159, 1.4417**.

A 20% lighter version of the original color is **52.7598, -5.9070, -33.2130**, and **18.6180, 1.6779, -26.8931** is the 20% darker color. If you saturate the color by 10%, you get **33.4017, -4.7606, -31.4723**, and if you desaturate by 10%, it is **35.0404, -6.5302, -28.0630**.

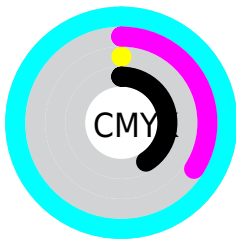
Distribution



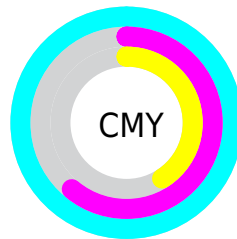
- Red (0%)
- Green (39%)
- Blue (59%)



- Red (0%)
- Yellow (24%)
- Blue (59%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (61%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4037, -4.7640, -31.4676 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 33.4037, -4.7640, -31.4676 by changing the saturation by 10% instead.

■ 33.4037, -4.7640,
-31.4676

■ 33.4037, -4.7640,
-31.4676

■ 140.9792,
-12.3980, -36.0728

■ 24.8465, -4.0159,
-30.9692

■ 52.8704, -6.3124,
-32.7034

■ 17.1781, -3.2806,
-30.7848

■ 63.6639, -7.1174,
-33.3175

■ 10.5173, -2.5466,
-31.4965

■ 75.1059, -7.9439,
-33.8965

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 87.1615, -8.7919,
-34.4311

0.0000, NaN, -NF

■ 99.8010, -9.6615,
-34.9170

0.0000, NaN, NaN

■ 112.9984,

0.0000, NaN, NaN

-10.5525, -35.3525

0.0000, NaN, NaN

126.7312,
-11.4648, -35.7376

■ 33.4037, -4.7640,
-31.4676

■ 33.4037, -4.7640,
-31.4676

■ 33.4017, -4.7606,
-31.4723

■ 35.0404, -6.5302,
-28.0630

■ 36.7929, -7.9181,
-24.6478

■ 38.6922, -8.8080,
-21.1771

■ 40.7360, -9.2050,
-17.6737

■ 42.9185, -9.1322,
-14.1606

■ 45.2322, -8.6225,
-10.6570

■ 47.6689, -7.7132,
-7.1778

■ 50.2203, -6.4429,
-3.7334

■ 52.8781, -4.8486,
-0.3303

Harmonies

Analogous

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



33.4042, -15.5324, -23.3233



33.4037, -4.7640, -31.4676



33.4042, 8.5758, -28.3217

Triad

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



33.4042, -4.7635, -31.4669



33.4042, 24.4881, 9.8521



33.4042, -19.5104, 13.1943

Complementary

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



33.4037, -4.7640, -31.4676



30.0624, 30.4690, 19.0564

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.



33.4042, -11.0176, 17.1389



33.4037, -4.7640, -31.4676



33.4042, 14.6248, 15.7890

Square

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



33.4042, -4.7635, -31.4669



33.4042, 26.8425, -1.1976



33.4042, 1.3034, 17.8623



33.4042, -23.1611, 4.5768

Rectangle

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



33.4037, -4.7640, -31.4676



33.4042, 17.0542, -20.6652



33.4042, 1.3034, 17.8623



33.4042, -17.1958, 14.9527

Sweetspot

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



33.4042, -4.7635, -31.4669



63.5865, -10.4116, -9.8913



47.2936, -38.7923, 24.6302



29.7042, -5.2118, -5.5751



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.



33.4042, -4.7635, -31.4669



44.3048, -5.7481, -42.9686



17.1400, 31.8435, -90.1596



25.8226, -2.2948, -0.0376



30.8960, -4.5293, -28.8397



4.5811, -1.7138, -2.0264

Inverse Universe

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



27.3510, 50.1282, -7.8584



36.5519, 66.9122, -9.8379



46.3246, -3.2214, 28.4877



25.0748, 1.4706, 0.2143



25.2368, 46.2766, -7.3972



3.1937, 6.0428, -2.3823

Previews

White Background



This preview shows how the HunterLab color 33.4037, -4.7640, -31.4676 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 33.4037, -4.7640, -31.4676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

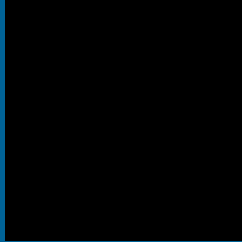
Any Text WCAG AA × Fail

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 33.4037, -4.7640, -31.4676 Background



This preview shows how black text looks on a background with the HunterLab color 33.4037, -4.7640, -31.4676.



This preview shows how white text looks on a background with the HunterLab color 33.4037, -4.7640, -31.4676.

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

33.4037, -4.7640, -31.4676

Protanopia

33.4582, 4.6129, -26.7727

Deuteranopia

33.4697, 2.6200, -31.9526



Tritanopia

33.2723, -15.9789, -7.0936

Trichromacy



Original Color

33.4037, -4.7640, -31.4676

Protanomaly

33.0445, -0.6897, -29.1782

Deuteranomaly

33.2337, -0.9590, -32.5343

Tritanomaly

33.1800, -12.2442, -15.0405

Monochromacy



Original Color

33.4037, -4.7640, -31.4676

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

28.1927, -6.0466, -9.7196

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4037, -4.7640, -31.4676 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, 99, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 151)  
}
```

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, 99, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4037, -4.7640, -31.4676 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, 99, 151) }
```


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

```
.border{ border-color:rgb(0, 99, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 151)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.4037, -4.7640, -31.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 151) }
```

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

```
.background{ background-color: rgb(0, 99,  
151) }
```

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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