

Converting Colors

HunterLab(40.4158, -5.4790,
-33.7936)

Have a look what the booklet for
HunterLab(40.4158, -5.4790,
-33.7936) contains.

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Color

**HunterLab(40.4601, -5.4602,
-33.8451)**

Conversions

Conversions Part 1

Format	Color
Hex	2376AE
RGB	35, 118, 174
RGB Percent	14%, 46%, 68%
CMY	0.8627, 0.5372, 0.3176
CMYK	0.80, 0.32, 0.00, 0.32
HSL	204°, 66%, 41%
HSV	204°, 80%, 68%
XYZ	14.8116, 16.3702, 42.4235
YIQ	99.5670, -67.4440, -0.1800

Conversions

Conversions Part 2

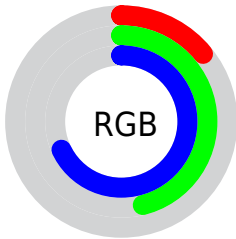
Format	Color
RYB	35, 87, 174
Decimal	2324142
CIELab	47.46, -4.45, -36.67
CIELCh	47, 36.937, 263.075
Yxy	16.3707, 0.2012, 0.2224
Android (android.graphics.Color)	4280514222 (0xFF2376AE)
YUV	99.5670, 36.6955, -56.6253
Hunter-Lab	40.4601, -5.4602, -33.8451




Details

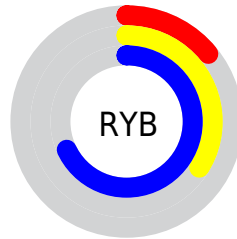
The HunterLab color $40.4601, -5.4602, -33.8451$ is a dark color, and the websafe version is hex 006699 . A complement of this color would be $40.7484, 22.8779, 23.1944$, and the grayscale version is $35.4223, -1.8900, 1.9246$.




A 20% lighter version of the original color is $61.0634, -7.0716, -35.1855$, and $24.0017, -0.0483, -29.8958$ is the 20% darker color. If you saturate the color by 10%, you get $38.1415, -3.2609, -38.8029$, and if you desaturate by 10%, it is $42.9736, -7.0304, -28.8920$.

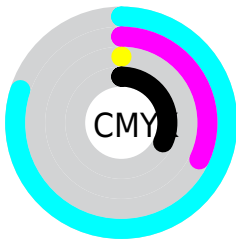
Distribution







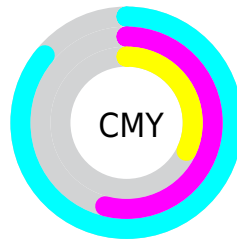
-  Red (14%)
-  Green (46%)
-  Blue (68%)






-  Red (14%)
-  Yellow (34%)
-  Blue (68%)



-  Cyan (80%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (86%)
-  Magenta (54%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4601, -5.4602, -33.8451 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 40.4601, -5.4602, -33.8451 by changing the saturation by 10% instead.

■ 40.4601, -5.4602,
-33.8451

■ 40.4601, -5.4602,
-33.8451

152.1577,
-13.3060, -38.4783

■ 31.2840, -4.6893,
-33.2622

■ 61.0251, -7.0572,
-35.1223

■ 22.9301, -3.9340,
-32.8553

■ 72.3156, -7.8867,
-35.7370

■ 15.4898, -3.1875,
-32.9156

■ 84.2275, -8.7373,
-36.3132

■ 9.0860, -2.6211,
-34.3616

■ 96.7300, -9.6091,
-36.8441

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.7963,
-10.5021, -37.3265

0.0000, NaN, NaN

■ 123.4031,

0.0000, NaN, NaN

-11.4160, -37.7596

0.0000, NaN, NaN

137.5297,
-12.3508, -38.1432

■ 40.4601, -5.4602,
-33.8451

■ 40.4601, -5.4602,
-33.8451

■ 38.1415, -3.2609,
-38.8029

■ 42.9736, -7.0304,
-28.8920

■ 35.9917, -0.5406,
-43.7982

■ 45.6725, -7.9890,
-23.9810

■ 35.9659, -0.5066,
-43.8608

■ 48.5462, -8.3739,
-19.1398

■ 51.5821, -8.2341,
-14.3882

■ 54.7675, -7.6222,
-9.7375

■ 58.0902, -6.5895,
-5.1923

■ 61.5389, -5.1838,
-0.7521

■ 65.1034, -3.4484,
3.5870

■ 68.7743, -1.4217,
7.8311

Harmonies

Analogous

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



40.4608, -17.5496, -25.1676



40.4601, -5.4602, -33.8451



40.4608, 9.3258, -30.4778

Triad

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



40.4608, -5.4597, -33.8442



40.4608, 26.7341, 11.2596



40.4608, -22.0793, 15.0900

Complementary

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



40.4601, -5.4602, -33.8451



40.7484, 22.8779, 23.1944

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.



40.4608, -12.4941, 19.7640



40.4601, -5.4602, -33.8451



40.4608, 15.9384, 18.1567

Square

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



40.4608, -5.4597, -33.8442



40.4608, 29.3124, -1.1188



40.4608, 1.2468, 20.6461



40.4608, -26.2326, 5.2639

Rectangle

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



40.4601, -5.4602, -33.8451



40.4608, 18.6375, -22.2790



40.4608, 1.2468, 20.6461



40.4608, -19.4563, 17.1528

Sweetspot

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



40.4608, -5.4597, -33.8442



76.1797, -9.5732, -9.7587



56.0165, -41.6230, 23.4062



35.1800, -4.7316, -5.6137



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



40.4608, -5.4597, -33.8442



49.1079, -1.5053, -57.4639



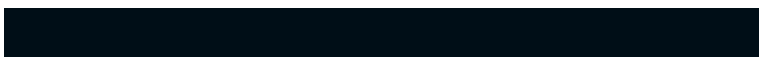
23.6701, 29.6768, -85.2011



29.1932, -2.4078, -0.2360



30.8232, -0.7586, -36.8888



6.0648, -1.5709, -4.1894

Inverse Universe

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



33.9257, 52.8428, -8.1245



42.8822, 76.6143, -6.0962



58.5637, -9.9878, 34.3011



28.4475, 1.6594, 0.4147



26.9484, 48.8785, -3.7384



4.6095, 8.5644, -2.2189

Previews

White Background



This preview shows how the HunterLab color 40.4601, -5.4602, -33.8451 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 40.4601, -5.4602, -33.8451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

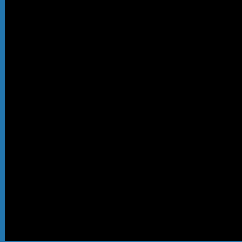
Any Text WCAG AA × Fail

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 40.4601, -5.4602, -33.8451 Background



This preview shows how black text looks on a background with the HunterLab color 40.4601, -5.4602, -33.8451.

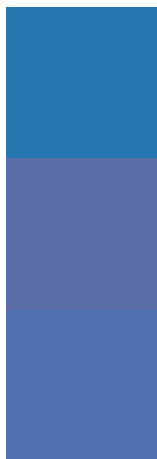


This preview shows how white text looks on a background with the HunterLab color 40.4601, -5.4602, -33.8451.

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

40.4601, -5.4602, -33.8451

Protanopia

40.2706, 4.7224, -28.9286

Deuteranopia

40.3772, 3.0521, -34.6210



Tritanopia

40.4827, -19.5351, -8.4292

Trichromacy



Original Color

40.4601, -5.4602, -33.8451

Protanomaly

40.0651, 0.0979, -31.5890

Deuteranomaly

40.1919, -0.4236, -35.0705

Tritanomaly

40.2176, -14.6780, -17.3930

Monochromacy



Original Color

40.4601, -5.4602, -33.8451

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.8567, -6.0485, -9.6947

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4601, -5.4602, -33.8451 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(35, 118, 174)` looks like.

```
.text, #text, p{  
    color:rgb(35, 118, 174)  
}
```

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(35, 118, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 118, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4601, -5.4602, -33.8451 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(35, 118, 174) }
```


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

```
.border{ border-color:rgb(35, 118, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 118, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 118, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 118, 174);  
box-shadow:4px 4px 4px 4px rgb(35, 118,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4601, -5.4602, -33.8451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 118, 174) }
```

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

```
.background{ background-color: rgb(35, 118,  
174) }
```

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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