

Converting Colors

HunterLab(40.2229, -5.9986,
-37.3259)

Have a look what the booklet for
HunterLab(40.2229, -5.9986,
-37.3259) contains.

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Color

**HunterLab(40.2135, -5.9472,
-37.4250)**

Conversions

Conversions Part 1

Format	Color
Hex	0076B2
RGB	0, 118, 178
RGB Percent	0%, 46%, 70%
CMY	0.9999, 0.5372, 0.3020
CMYK	1.00, 0.34, 0.00, 0.30
HSL	200°, 100%, 35%
HSV	200°, 100%, 70%
XYZ	14.5144, 16.1713, 44.4759
YIQ	89.5580, -89.5880, -6.3560

Conversions

Conversions Part 2

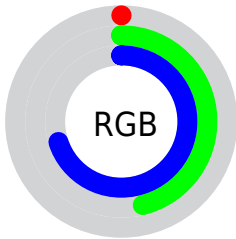
Format	Color
RYB	0, 71, 178
Decimal	30386
CIELab	47.20, -5.15, -39.43
CIELCh	47, 39.766, 262.555
Yxy	16.1718, 0.1931, 0.2152
Android (android.graphics.Color)	4278220466 (0xFF0076B2)
YUV	89.5580, 43.6019, -78.5424
Hunter-Lab	40.2135, -5.9472, -37.4250

Details

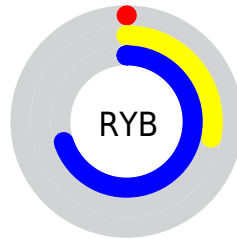
The HunterLab color **40.2135, -5.9472, -37.4250** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **35.6377, 37.6992, 22.6181**, and the grayscale version is **31.6846, -1.6906, 1.7215**.

A 20% lighter version of the original color is **60.7991, -7.6358, -38.5794**, and **24.2095, 1.0747, -32.5798** is the 20% darker color. If you saturate the color by 10%, you get **40.2104, -5.9422, -37.4321**, and if you desaturate by 10%, it is **42.1394, -8.1280, -33.4388**.

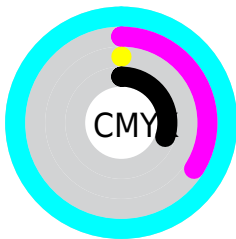
Distribution



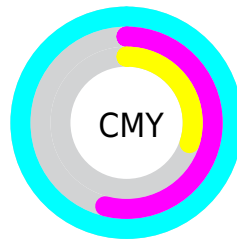
- Red (0%)
- Green (46%)
- Blue (70%)



- Red (0%)
- Yellow (28%)
- Blue (70%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (54%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2135, -5.9472, -37.4250 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 40.2135, -5.9472, -37.4250 by changing the saturation by 10% instead.

40.2135, -5.9472,
-37.4250

40.2135, -5.9472,
-37.4250

151.7739,
-14.0871, -42.4958

31.0577, -5.1316,
-36.8768

60.7422, -7.6228,
-38.7345

22.7261, -4.3268,
-36.5774

72.0162, -8.4878,
-39.3911

15.3109, -3.5239,
-36.8968

83.9125, -9.3719,
-40.0183

8.9274, -2.9918,
-39.0485

96.4000, -10.2756,
-40.6061

0.0000, NaN, -NF

0.0000, NaN, -NF

109.4521,
-11.1990, -41.1494

0.0000, NaN, -NF

123.0452,

0.0000, NaN, NaN

-12.1421, -41.6459

0.0000, NaN, NaN

137.1587,
-13.1049, -42.0946

■ 40.2135, -5.9472,
-37.4250

■ 40.2135, -5.9472,
-37.4250

■ 40.2104, -5.9422,
-37.4321

■ 42.1394, -8.1280,
-33.4388

■ 44.2144, -9.8178,
-29.4086

■ 46.4680, -10.8995,
-25.2996

■ 48.8985, -11.3752,
-21.1390

■ 51.4995, -11.2708,
-16.9551

■ 54.2622, -10.6253,
-12.7726

■ 57.1767, -9.4846,
-8.6107

■ 60.2328, -7.8957,
-4.4836

■ 63.4206, -5.9049,
-0.4006

Harmonies

Analogous

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



40.2141, -18.7497, -27.5477



40.2135, -5.9472, -37.4250



40.2141, 9.9668, -33.9012

Triad

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



40.2141, -5.9466, -37.4241



40.2141, 29.3332, 11.6365



40.2141, -23.2271, 15.9194

Complementary

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



40.2135, -5.9472, -37.4250



35.6377, 37.6992, 22.6181

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.



40.2141, -12.9791, 20.5852



40.2135, -5.9472, -37.4250



40.2141, 17.6787, 18.8484

Square

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



40.2141, -5.9466, -37.4241



40.2141, 31.9751, -1.6707



40.2141, 1.7973, 21.4040



40.2141, -27.6937, 5.7004

Rectangle

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



40.2135, -5.9472, -37.4250



40.2141, 20.1203, -24.8815



40.2141, 1.7973, 21.4040



40.2141, -20.4260, 18.0021

Sweetspot

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



40.2141, -5.9466, -37.4241



76.7796, -12.8709, -11.8964



56.7105, -46.6171, 29.7519



35.3600, -6.3894, -6.6977



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.



40.2141, -5.9466, -37.4241



53.7398, -7.3590, -51.2843



20.3171, 39.0623, -109.7127



30.2312, -2.7369, -0.0636



34.1885, -5.3008, -31.2898



6.8575, -2.1131, -4.0098

Inverse Universe

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



32.8236, 60.1904, -9.6808



44.1488, 80.8768, -12.3290



55.4542, -3.6856, 34.1051



29.3207, 1.8102, 0.1929



27.7851, 50.9938, -8.4878



5.0324, 9.4163, -2.9353

Previews

White Background



This preview shows how the HunterLab color 40.2135, -5.9472, -37.4250 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 40.2135, -5.9472, -37.4250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

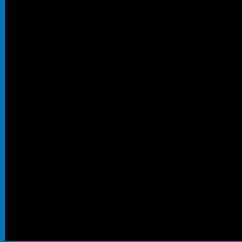
Any Text WCAG AA × Fail

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 40.2135, -5.9472, -37.4250 Background



This preview shows how black text looks on a background with the HunterLab color 40.2135, -5.9472, -37.4250.



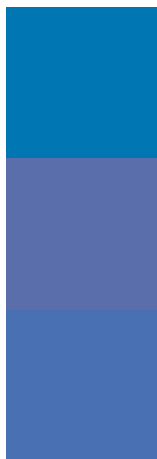
This preview shows how white text looks on a background with the HunterLab color 40.2135, -5.9472, -37.4250.

-37.4250.

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

40.2135, -5.9472, -37.4250

Protanopia

40.3309, 5.2943, -31.6953

Deuteranopia

40.2750, 3.1054, -37.9115



Tritanopia

40.1357, -19.3534, -8.3877

Trichromacy



Original Color

40.2135, -5.9472, -37.4250

Protanomaly

39.6688, -0.8779, -35.4231

Deuteranomaly

39.8373, -1.2468, -38.9471

Tritanomaly

40.1111, -15.0823, -17.5770

Monochromacy



Original Color

40.2135, -5.9472, -37.4250

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.7481, -7.4506, -11.6826

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2135, -5.9472, -37.4250 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, 118, 178)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 178)  
}
```

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, 118, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2135, -5.9472, -37.4250 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, 118, 178) }
```


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

```
.border{ border-color:rgb(0, 118, 178) }
```

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

Here you see how a box with a 4 pixel rgb(0, 118, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 178);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2135, -5.9472, -37.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 178) }
```

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

```
.background{ background-color: rgb(0, 118,  
178) }
```

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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