

Converting Colors

HunterLab(40.4541, -7.0447,
-35.3566)

Have a look what the booklet for
HunterLab(40.4541, -7.0447,
-35.3566) contains.

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Color

**HunterLab(40.4082, -6.9565,
-35.4897)**

Conversions

Conversions Part 1

Format	Color
Hex	0077B0
RGB	0, 119, 176
RGB Percent	0%, 47%, 69%
CMY	0.9999, 0.5333, 0.3098
CMYK	1.00, 0.32, 0.00, 0.31
HSL	199°, 100%, 35%
HSV	199°, 100%, 69%
XYZ	14.4333, 16.3282, 43.4652
YIQ	89.9170, -89.2210, -7.5010

Conversions

Conversions Part 2

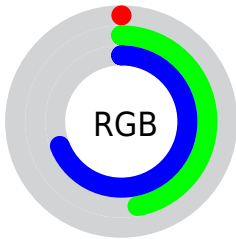
Format	Color
RYB	0, 71, 176
Decimal	30640
CIELab	47.40, -6.53, -37.95
CIELCh	47, 38.505, 260.237
Yxy	16.3288, 0.1945, 0.2200
Android (android.graphics.Color)	4278220720 (0xFF0077B0)
YUV	89.9170, 42.4389, -78.8572
Hunter-Lab	40.4082, -6.9565, -35.4897

Details

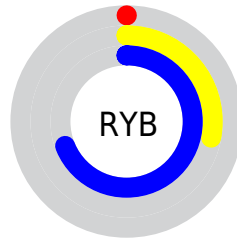
The HunterLab color **40.4082, -6.9565, -35.4897** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34.8707, 38.1271, 22.1531**, and the grayscale version is **31.8206, -1.6979, 1.7289**.

A 20% lighter version of the original color is **60.9723, -8.7957, -36.8207**, and **24.3650, 0.0605, -30.5847** is the 20% darker color. If you saturate the color by 10%, you get **40.4055, -6.9521, -35.4959**, and if you desaturate by 10%, it is **42.2512, -8.9837, -31.7612**.

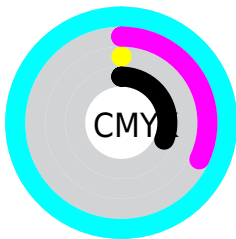
Distribution



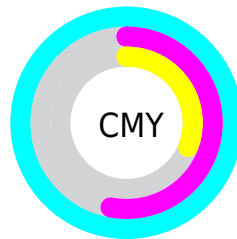
- Red (0%)
- Green (47%)
- Blue (69%)



- Red (0%)
- Yellow (28%)
- Blue (69%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (53%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4082, -6.9565, -35.4897 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 40.4082, -6.9565, -35.4897 by changing the saturation by 10% instead.

40.4082, -6.9565,
-35.4897

40.4082, -6.9565,
-35.4897

152.0769,
-15.6911, -40.3318

31.2363, -6.0516,
-34.9194

60.9656, -8.7906,
-36.7854

22.8871, -5.1480,
-34.5560

72.2526, -9.7273,
-37.4205

15.4521, -4.2328,
-34.7237

84.1612, -10.6793,
-38.0209

9.0529, -3.6265,
-36.4487

96.6605, -11.6474,
-38.5785

0.0000, NaN, -NF

0.0000, NaN, -NF

109.7238,
-12.6324, -39.0895

0.0000, NaN, NaN

123.3278,

0.0000, NaN, NaN

-13.6345, -39.5521

0.0000, NaN, NaN

137.4516,
-14.6541, -39.9661

■ 40.4082, -6.9565,
-35.4897

■ 40.4082, -6.9565,
-35.4897

■ 40.4055, -6.9521,
-35.4959

■ 42.2512, -8.9837,
-31.7612

■ 44.2366, -10.5361,
-27.9781

■ 46.3947, -11.4954,
-24.1043

■ 48.7247, -11.8612,
-20.1649

■ 51.2212, -11.6568,
-16.1868

■ 53.8764, -10.9185,
-12.1946

■ 56.6811, -9.6897,
-8.2082

■ 59.6256, -8.0161,
-4.2427

■ 62.7005, -5.9424,
-0.3086

Harmonies

Analogous

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



40.4089, -19.0730, -25.2453



40.4082, -6.9565, -35.4897



40.4089, 8.3615, -33.1545

Triad

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



40.4089, -6.9559, -35.4888



40.4089, 28.7837, 10.6200



40.4089, -22.1080, 16.1572

Complementary

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



40.4082, -6.9565, -35.4897



34.8707, 38.1271, 22.1531

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.



40.4089, -11.7011, 20.4576



40.4082, -6.9565, -35.4897



40.4089, 18.0971, 18.1698

Square

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



40.4089, -6.9559, -35.4888



40.4089, 30.5489, -2.7599



40.4089, 2.8742, 21.0270



40.4089, -26.9347, 6.6005

Rectangle

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



40.4082, -6.9565, -35.4897



40.4089, 18.3151, -25.0094



40.4089, 2.8742, 21.0270



40.4089, -19.2246, 18.0917

Sweetspot

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



40.4089, -6.9559, -35.4888



76.1233, -13.1553, -11.3455



55.9770, -46.1936, 29.7543



34.7058, -6.4698, -6.3080



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.



40.4089, -6.9559, -35.4888



54.0197, -8.7507, -48.6297



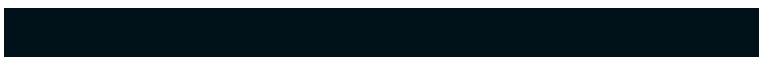
20.4541, 37.1737, -105.8076



30.2625, -2.7877, -0.0259



34.7682, -6.1982, -30.0770



6.9336, -2.2196, -3.8749

Inverse Universe

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



32.5005, 59.7506, -10.7667



43.7177, 80.2933, -13.8080



53.9426, -2.2792, 33.1982



29.3240, 1.8276, 0.1466



27.8576, 51.2540, -9.4949



5.0429, 9.4537, -3.0784

Previews

White Background



This preview shows how the HunterLab color 40.4082, -6.9565, -35.4897 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 40.4082, -6.9565, -35.4897 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 40.4082, -6.9565, -35.4897 Background



This preview shows how black text looks on a background with the HunterLab color 40.4082, -6.9565, -35.4897.

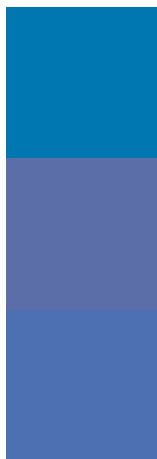


This preview shows how white text looks on a background with the HunterLab color 40.4082, -6.9565, -35.4897.

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

40.4082, -6.9565, -35.4897

Protanopia

40.3167, 4.9669, -29.5500

Deuteranopia

40.4218, 3.4962, -36.8113

Trichromacy



Original Color

40.4082, -6.9565, -35.4897

Protanomaly

39.5984, -1.4129, -33.3118

Deuteranomaly

40.0801, -2.0652, -36.8698

Monochromacy



Original Color

40.4082, -6.9565, -35.4897

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.9966, -8.0798, -10.7403

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4082, -6.9565, -35.4897 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, 119, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 176)  
}
```

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, 119, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4082, -6.9565, -35.4897 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, 119, 176) }
```

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

```
.border{ border-color:rgb(0, 119, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
176) }
```


Background

The CSS property to change the background color of an element to HunterLab 40.4082, -6.9565, -35.4897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 176) }
```

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

```
.background{ background-color: rgb(0, 119,  
176) }
```

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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