

Converting Colors

HunterLab(34.0412, -23.1043,
-65.9063)

Have a look what the booklet for
HunterLab(34.0412, -23.1043,
-65.9063) contains.

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Color

**HunterLab(40.0840, -0.4766,
-49.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	0073C0
RGB	0, 115, 192
RGB Percent	0%, 45%, 75%
CMY	0.9998, 0.5490, 0.2471
CMYK	1.00, 0.40, 0.00, 0.25
HSL	204°, 100%, 38%
HSV	204°, 100%, 75%
XYZ	15.6452, 16.0673, 52.1459
YIQ	89.3930, -93.2570, -0.4330

Conversions

Conversions Part 2

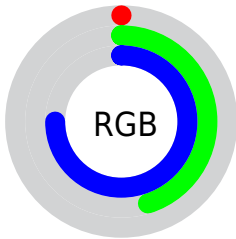
Format	Color
RYB	0, 72, 192
Decimal	29632
CIELab	47.06, 2.20, -47.75
CIElCh	47, 47.798, 272.639
Yxy	16.0678, 0.1866, 0.1916
Android (android.graphics.Color)	4278219712 (0xFF0073C0)
YUV	89.3930, 50.5853, -78.3977
Hunter-Lab	40.0840, -0.4766, -49.0725

Details

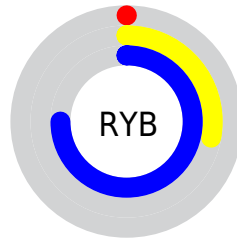
The HunterLab color **40.0840, -0.4766, -49.0725** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **40.6451, 36.0078, 25.6740**, and the grayscale version is **31.6006, -1.6861, 1.7169**.

A 20% lighter version of the original color is **60.4524, -1.1040, -50.6682**, and **24.4320, 5.8622, -43.1928** is the 20% darker color. If you saturate the color by 10%, you get **40.0795, -0.4687, -49.0841**, and if you desaturate by 10%, it is **42.4723, -3.5778, -43.5078**.

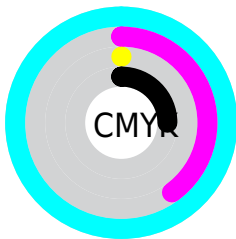
Distribution



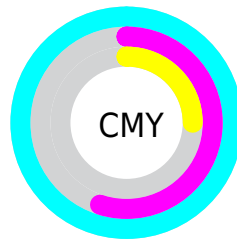
- Red (0%)
- Green (45%)
- Blue (75%)



- Red (0%)
- Yellow (28%)
- Blue (75%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0840, -0.4766, -49.0725 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 40.0840, -0.4766, -49.0725 by changing the saturation by 10% instead.

40.0840, -0.4766,
-49.0725

40.0840, -0.4766,
-49.0725

151.5722, -5.5136,
-55.0502

30.9388, -0.1226,
-48.7475

60.5936, -1.3289,
-50.3214

22.6190, 0.1731,
-48.9405

71.8589, -1.8204,
-51.0484

15.2171, 0.4019,
-50.3047

83.7469, -2.3508,
-51.7829

8.8428, 0.6122,
-54.9693

96.2266, -2.9178,
-52.5031

0.0000, NaN, -NF

0.0000, NaN, -NF

109.2712, -3.5192,
-53.1961

0.0000, NaN, -NF

122.8571, -4.1533,

0.0000, NaN, NaN

-53.8542

0.0000, NaN, NaN

136.9636, -4.8185,
-54.4731

■ 40.0840, -0.4766,
-49.0725

■ 40.0840, -0.4766,
-49.0725

■ 40.0795, -0.4687,
-49.0841

■ 42.4723, -3.5778,
-43.5078

■ 45.0548, -6.0797,
-37.9699

■ 47.8561, -7.8723,
-32.4337

■ 50.8680, -8.9711,
-26.9387

■ 54.0781, -9.4185,
-21.5180

■ 57.4723, -9.2695,
-16.1950

■ 61.0361, -8.5837,
-10.9831

■ 64.7556, -7.4195,
-5.8882

■ 68.6181, -5.8316,
-0.9101

Harmonies

Analogous

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



40.0846, -17.3326, -41.5013



40.0840, -0.4766, -49.0725



40.0846, 19.1014, -38.5075

Triad

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



40.0846, -0.4757, -49.0716



40.0846, 32.7635, 16.5691



40.0846, -29.2862, 14.9112

Complementary

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



40.0840, -0.4766, -49.0725



40.6451, 36.0078, 25.6740

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.



40.0846, -19.7132, 21.5944



40.0840, -0.4766, -49.0725



40.0846, 15.7157, 22.1979

Square

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



40.0846, -0.4757, -49.0716



40.0846, 40.3602, 3.7217



40.0846, -3.7795, 23.4938



40.0846, -32.0520, 0.5785

Rectangle

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



40.0840, -0.4766, -49.0725



40.0846, 30.5450, -24.5437



40.0846, -3.7795, 23.4938



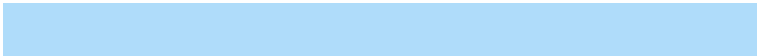
40.0846, -26.8562, 17.8582

Sweetspot

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



40.0846, -0.4757, -49.0716



81.9131, -11.6168, -15.1331



61.8330, -49.9413, 30.5254



36.9856, -5.5943, -8.3832



98.8636, -5.2751, 5.3714



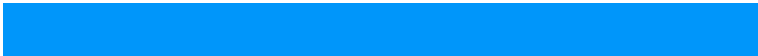
45.2661, -2.4153, 2.4594

Same Dimension

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



40.0846, -0.4757, -49.0716



53.4787, 0.1757, -67.2230



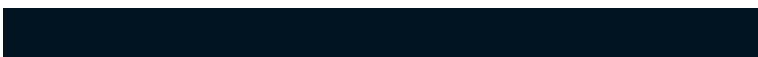
20.6880, 47.9380, -129.3351



32.7545, -2.7225, -0.2916



33.1131, -0.7851, -39.6936



7.7832, -1.5988, -6.2769

Inverse Universe

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



35.2779, 63.9165, -4.4031



47.4305, 85.8455, -5.1595



64.0461, -9.9495, 39.2896



31.9012, 1.9212, 0.4384



28.9640, 52.5307, -3.9893



6.1302, 11.3135, -2.3591

Previews

White Background



This preview shows how the HunterLab color 40.0840, -0.4766, -49.0725 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 40.0840, -0.4766, -49.0725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

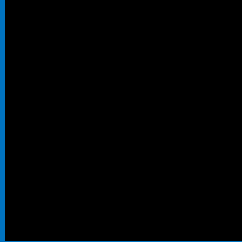
Any Text WCAG AA × Fail

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 40.0840, -0.4766, -49.0725 Background



This preview shows how black text looks on a background with the HunterLab color 40.0840, -0.4766, -49.0725.



This preview shows how white text looks on a background with the HunterLab color 40.0840, -0.4766, -49.0725.

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

40.0840, -0.4766, -49.0725

Protanopia

40.1805, 7.6760, -43.6543

Deuteranopia

40.3297, 3.3511, -49.2616



Tritanopia

40.1014, -19.5560, -7.9074

Trichromacy



Original Color

40.0840, -0.4766, -49.0725

Protanomaly

39.5952, 3.1850, -46.7877

Deuteranomaly

40.2006, 1.4846, -49.6120

Tritanomaly

40.0098, -13.4906, -20.8864

Monochromacy



Original Color

40.0840, -0.4766, -49.0725

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.3340, -5.7446, -14.6687

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0840, -0.4766, -49.0725 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, 115, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 192)  
}
```

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, 115, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0840, -0.4766, -49.0725 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, 115, 192) }
```


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

```
.border{ border-color:rgb(0, 115, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0840, -0.4766, -49.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 192) }
```

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

```
.background{ background-color: rgb(0, 115,  
192) }
```

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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