

Converting Colors

HunterLab(35.8252, -20.1581,
-60.7764)

Have a look what the booklet for
HunterLab(35.8252, -20.1581,
-60.7764) contains.

HunterLab(40.9422, -1.9231, -47.0228)	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(40.9422, -1.9231,
-47.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	0076C0
RGB	0, 118, 192
RGB Percent	0%, 46%, 75%
CMY	0.9998, 0.5373, 0.2471
CMYK	1.00, 0.39, 0.00, 0.25
HSL	203°, 100%, 38%
HSV	203°, 100%, 75%
XYZ	15.9929, 16.7626, 52.2618
YIQ	91.1540, -94.0820, -2.0020

Conversions

Conversions Part 2

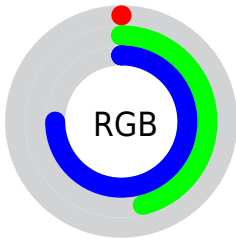
Format	Color
RYB	0, 73, 192
Decimal	30400
CIELab	47.96, 0.35, -46.32
CIELCh	48, 46.318, 270.432
Yxy	16.7631, 0.1881, 0.1972
Android (android.graphics.Color)	4278220480 (0xFF0076C0)
YUV	91.1540, 49.7171, -79.9421
Hunter-Lab	40.9422, -1.9231, -47.0228

Details

The HunterLab color **40.9422, -1.9231, -47.0228** 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 **40.1366, 37.3415, 25.3840**, and the grayscale version is **32.2531, -1.7209, 1.7524**.

A 20% lighter version of the original color is **61.6619, -3.1364, -48.2342**, and **24.9305, 4.8986, -41.7357** is the 20% darker color. If you saturate the color by 10%, you get **40.9381, -1.9160, -47.0330**, and if you desaturate by 10%, it is **43.2620, -4.8547, -41.7727**.

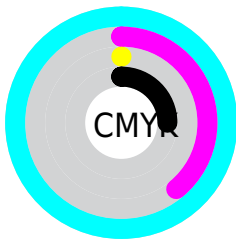
Distribution



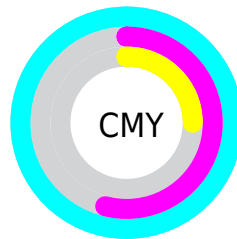
- Red (0%)
- Green (46%)
- Blue (75%)



- Red (0%)
- Yellow (29%)
- Blue (75%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (54%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9422, -1.9231, -47.0228 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 40.9422, -1.9231, -47.0228 by changing the saturation by 10% instead.

40.9422, -1.9231,
-47.0228

40.9422, -1.9231,
-47.0228

152.9064, -7.7568,
-52.8882

31.7266, -1.4515,
-46.6194

61.5777, -2.9859,
-48.3166

23.3293, -1.0266,
-46.6500

72.9002, -3.5732,
-49.0385

15.8405, -0.6531,
-47.6638

84.8426, -4.1944,
-49.7583

9.3875, -0.3391,
-51.2685

97.3740, -4.8479,
-50.4573

0.0000, NaN, -NF

0.0000, NaN, -NF

110.4680, -5.5322,
-51.1249

0.0000, NaN, -NF

124.1014, -6.2458,

0.0000, NaN, NaN

-51.7546

0.0000, NaN, NaN

138.2537, -6.9877,
-52.3430

■ 40.9422, -1.9231,
-47.0228

■ 40.9422, -1.9231,
-47.0228

■ 40.9381, -1.9160,
-47.0330

■ 43.2620, -4.8547,
-41.7727

■ 45.7687, -7.1999,
-36.5260

■ 48.4880, -8.8468,
-31.2561

■ 51.4137, -9.8073,
-26.0002

■ 54.5347, -10.1199,
-20.7913

■ 57.8380, -9.8367,
-15.6543

■ 61.3101, -9.0150,
-10.6053

■ 64.9377, -7.7115,
-5.6530

■ 68.7086, -5.9799,
-0.8002

Harmonies

Analogous

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



40.9428, -18.0704, -38.6106



40.9422, -1.9231, -47.0228



40.9428, 17.0990, -38.1431

Triad

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



40.9428, -1.9223, -47.0219



40.9428, 32.5849, 15.7639



40.9428, -28.4054, 15.4922

Complementary

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



40.9422, -1.9231, -47.0228



40.1366, 37.3415, 25.3840

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.



40.9428, -18.4543, 21.8008



40.9422, -1.9231, -47.0228



40.9428, 16.5613, 21.9026

Square

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



40.9428, -1.9223, -47.0219



40.9428, 39.0345, 2.4792



40.9428, -2.4507, 23.5031



40.9428, -31.6445, 1.9765

Rectangle

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



40.9422, -1.9231, -47.0228



40.9428, 28.4486, -25.1685



40.9428, -2.4507, 23.5031



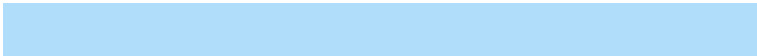
40.9428, -25.8314, 18.2738

Sweetspot

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



40.9428, -1.9223, -47.0219



82.2887, -12.2064, -14.6134



61.7974, -50.1632, 31.0488



37.1839, -5.9037, -8.1007



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.



40.9428, -1.9223, -47.0219



54.6477, -1.8115, -64.3943



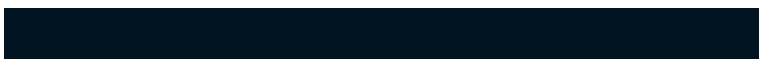
20.9682, 46.8196, -127.2717



32.7951, -2.7887, -0.2424



33.8108, -1.9530, -38.0445



7.9003, -1.7745, -6.0440

Inverse Universe

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



35.3772, 64.2755, -5.8008



47.5649, 86.3308, -7.0512



63.0938, -8.4543, 38.7290



31.9054, 1.9438, 0.3785



29.0453, 52.8240, -5.1311



6.1453, 11.3676, -2.5678

Previews

White Background



This preview shows how the HunterLab color 40.9422, -1.9231, -47.0228 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 40.9422, -1.9231, -47.0228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

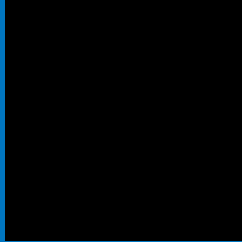
Any Text WCAG AA × Fail

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 40.9422, -1.9231, -47.0228 Background



This preview shows how black text looks on a background with the HunterLab color 40.9422, -1.9231, -47.0228.



This preview shows how white text looks on a background with the HunterLab color 40.9422, -1.9231, -47.0228.

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

40.9422, -1.9231, -47.0228

Protanopia

40.9347, 7.2806, -41.1290

Deuteranopia

41.1734, 3.3260, -47.2223



Tritanopia

40.8301, -19.7170, -8.4707

Trichromacy



Original Color

40.9422, -1.9231, -47.0228

Protanomaly

40.5245, 2.0362, -44.6015

Deuteranomaly

40.8853, 0.9179, -47.9538

Tritanomaly

40.7016, -13.8482, -20.9791

Monochromacy



Original Color

40.9422, -1.9231, -47.0228

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

34.3007, -6.4521, -14.2772

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9422, -1.9231, -47.0228 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 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, 118, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9422, -1.9231, -47.0228 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, 192) }
```


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

```
.border{ border-color:rgb(0, 118, 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, 118, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9422, -1.9231, -47.0228 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, 192) }
```

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

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