

Converting Colors

HunterLab(38.9197, -9.5054,
-47.1868)

Have a look what the booklet for
HunterLab(38.9197, -9.5054,
-47.1868) contains.

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Color

**HunterLab(40.6227, -3.6783,
-42.8344)**

Conversions

Conversions Part 1

Format	Color
Hex	0076BA
RGB	0, 118, 186
RGB Percent	0%, 46%, 73%
CMY	0.9999, 0.5373, 0.2706
CMYK	1.00, 0.37, 0.00, 0.27
HSL	202°, 100%, 36%
HSV	202°, 100%, 73%
XYZ	15.3414, 16.5020, 48.8310
YIQ	90.4700, -92.1560, -3.8680

Conversions

Conversions Part 2

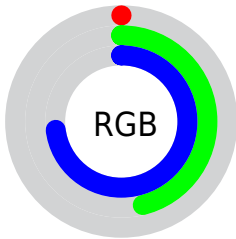
Format	Color
RYB	0, 72, 186
Decimal	30394
CIELab	47.63, -2.01, -43.39
CIELCh	48, 43.434, 267.341
Yxy	16.5026, 0.1902, 0.2046
Android (android.graphics.Color)	4278220474 (0xFF0076BA)
YUV	90.4700, 47.0963, -79.3422
Hunter-Lab	40.6227, -3.6783, -42.8344

Details

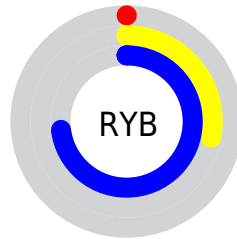
The HunterLab color **40.6227, -3.6783, -42.8344** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **38.1812, 37.5279, 24.1824**, and the grayscale version is **32.0092, -1.7079, 1.7391**.

A 20% lighter version of the original color is **61.3190, -4.9326, -44.2901**, and **24.5891, 3.1020, -37.4306** is the 20% darker color. If you saturate the color by 10%, you get **40.6190, -3.6721, -42.8433**, and if you desaturate by 10%, it is **42.7753, -6.2817, -38.1420**.

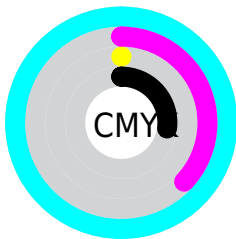
Distribution



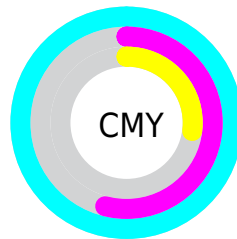
- Red (0%)
- Green (46%)
- Blue (73%)



- Red (0%)
- Yellow (28%)
- Blue (73%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6227, -3.6783, -42.8344 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 40.6227, -3.6783, -42.8344 by changing the saturation by 10% instead.

40.6227, -3.6783,
-42.8344

40.6227, -3.6783,
-42.8344

152.4104,
-10.4935, -48.4062

31.4332, -3.0612,
-42.3568

61.2115, -5.0010,
-44.1519

23.0646, -2.4762,
-42.2294

72.5128, -5.7064,
-44.8521

15.6080, -1.9226,
-42.9218

84.4350, -6.4395,
-45.5375

9.1889, -1.4462,
-45.8477

96.9473, -7.1996,
-46.1935

0.0000, NaN, -NF

0.0000, NaN, -NF

110.0229, -7.9857,
-46.8118

0.0000, NaN, -NF

123.6387, -8.7972,

0.0000, NaN, NaN

-47.3880

0.0000, NaN, NaN

137.7740, -9.6334,
-47.9198

■ 40.6227, -3.6783,
-42.8344

■ 40.6227, -3.6783,
-42.8344

■ 40.6190, -3.6721,
-42.8433

■ 42.7753, -6.2817,
-38.1420

■ 45.0979, -8.3406,
-33.4308

■ 47.6180, -9.7409,
-28.6702

■ 50.3314, -10.4900,
-23.8931

■ 53.2291, -10.6211,
-19.1307

■ 56.3001, -10.1803,
-14.4082

■ 59.5323, -9.2199,
-9.7436

■ 62.9140, -7.7925,
-5.1480

■ 66.4336, -5.9484,
-0.6275

Harmonies

Analogous

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



40.6233, -18.3730, -33.7263



40.6227, -3.6783, -42.8344



40.6233, 13.9902, -36.3306

Triad

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



40.6233, -3.6775, -42.8335



40.6233, 31.2011, 14.0740



40.6233, -26.2255, 15.6850

Complementary

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



40.6227, -3.6783, -42.8344



38.1812, 37.5279, 24.1824

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.



40.6233, -16.1418, 21.2905



40.6227, -3.6783, -42.8344



40.6233, 17.0538, 20.6658

Square

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



40.6233, -3.6775, -42.8335



40.6233, 35.9877, 0.7396



40.6233, -0.6396, 22.6433



40.6233, -29.9778, 3.6298

Rectangle

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



40.6227, -3.6783, -42.8344



40.6233, 24.8246, -25.0661



40.6233, -0.6396, 22.6433



40.6233, -23.5549, 18.1625

Sweetspot

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



40.6233, -3.6775, -42.8335



79.9188, -12.4956, -13.4403



59.5831, -48.7960, 30.8652



36.6284, -6.1523, -7.5521



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



40.6233, -3.6775, -42.8335



54.2473, -4.2287, -58.6758



20.9111, 42.5963, -118.0837



31.0538, -2.7087, -0.1565



33.5359, -3.3671, -34.6483



7.1415, -1.9208, -4.7799

Inverse Universe

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



34.2754, 62.5076, -7.4341



46.0907, 83.9696, -9.2698



59.1010, -5.2834, 36.3242



30.1753, 1.8388, 0.2958



28.1384, 51.3669, -6.4615



5.3906, 10.0291, -2.6999

Previews

White Background



This preview shows how the HunterLab color 40.6227, -3.6783, -42.8344 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 40.6227, -3.6783, -42.8344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

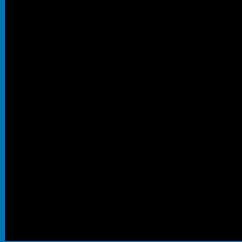
Any Text WCAG AA × Fail

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 40.6227, -3.6783, -42.8344 Background



This preview shows how black text looks on a background with the HunterLab color 40.6227, -3.6783, -42.8344.



This preview shows how white text looks on a background with the HunterLab color 40.6227, -3.6783,

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

40.6227, -3.6783, -42.8344

Protanopia

40.4783, 6.5559, -37.4104

Deuteranopia

40.5646, 3.4870, -43.6594



Tritanopia

40.4827, -19.5351, -8.4292

Trichromacy



Original Color

40.6227, -3.6783, -42.8344

Protanomaly

39.9998, 1.0622, -40.9323

Deuteranomaly

40.3738, -0.0238, -44.1631

Tritanomaly

40.2728, -14.1463, -19.7997

Monochromacy



Original Color

40.6227, -3.6783, -42.8344

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.8598, -6.8210, -13.2290

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6227, -3.6783, -42.8344 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6227, -3.6783, -42.8344 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, 186) }
```


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

```
.border{ border-color:rgb(0, 118, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6227, -3.6783, -42.8344 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, 186) }
```

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

```
.background{ background-color: rgb(0, 118,  
186) }
```

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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