

Converting Colors

HunterLab(36.2776, -20.9814,
-54.9670)

Have a look what the booklet for
HunterLab(36.2776, -20.9814,
-54.9670) contains.

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Color

**HunterLab(40.9652, -3.8606,
-42.8691)**

Conversions

Conversions Part 1

Format	Color
Hex	0077BB
RGB	0, 119, 187
RGB Percent	0%, 47%, 73%
CMY	0.9999, 0.5333, 0.2667
CMYK	1.00, 0.36, 0.00, 0.27
HSL	202°, 100%, 37%
HSV	202°, 100%, 73%
XYZ	15.5664, 16.7815, 49.4324
YIQ	91.1710, -92.7520, -4.0800

Conversions

Conversions Part 2

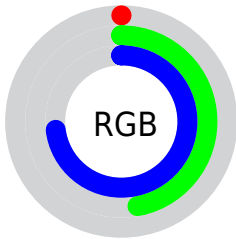
Format	Color
RYB	0, 73, 187
Decimal	30651
CIELab	47.98, -2.23, -43.40
CIELCh	48, 43.454, 267.059
Yxy	16.7820, 0.1903, 0.2052
Android (android.graphics.Color)	4278220731 (0xFF0077BB)
YUV	91.1710, 47.2437, -79.9570
Hunter-Lab	40.9652, -3.8606, -42.8691

Details

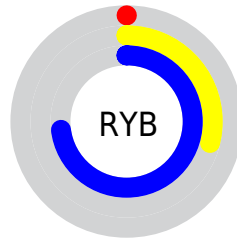
The HunterLab color **40.9652, -3.8606, -42.8691** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **38.3453, 37.9290, 24.2906**, and the grayscale version is **32.2675, -1.7217, 1.7532**.

A 20% lighter version of the original color is **61.6743, -5.1610, -44.3662**, and **24.8997, 2.9285, -37.4443** is the 20% darker color. If you saturate the color by 10%, you get **40.9617, -3.8546, -42.8776**, and if you desaturate by 10%, it is **43.1218, -6.4639, -38.1833**.

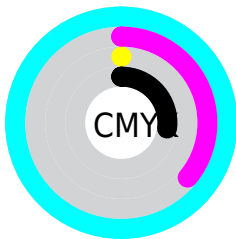
Distribution



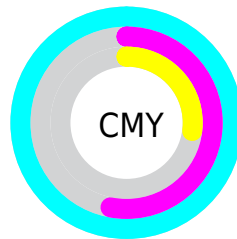
- Red (0%)
- Green (47%)
- Blue (73%)



- Red (0%)
- Yellow (29%)
- Blue (73%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9652, -3.8606, -42.8691 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 40.9652, -3.8606, -42.8691 by changing the saturation by 10% instead.

■ 40.9652, -3.8606,
-42.8691

■ 40.9652, -3.8606,
-42.8691

■ 152.9421,
-10.7746, -48.4379

■ 31.7477, -3.2290,
-42.3838

■ 61.6040, -5.2094,
-44.1909

■ 23.3484, -2.6281,
-42.2389

■ 72.9281, -5.9266,
-44.8911

■ 15.8573, -2.0567,
-42.8885

■ 84.8719, -6.6710,
-45.5758

■ 9.4016, -1.5354,
-45.6652

■ 97.4047, -7.4418,
-46.2307

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 110.5000, -8.2383,
-46.8478

0.0000, NaN, -NF

■ 124.1347, -9.0597,

0.0000, NaN, NaN

-47.4226

0.0000, NaN, NaN

138.2882, -9.9053,
-47.9530

■ 40.9652, -3.8606,
-42.8691

■ 40.9652, -3.8606,
-42.8691

■ 40.9617, -3.8546,
-42.8776

■ 43.1218, -6.4639,
-38.1833

■ 45.4489, -8.5196,
-33.4755

■ 47.9743, -9.9136,
-28.7153

■ 50.6938, -10.6527,
-23.9355

■ 53.5986, -10.7698,
-19.1676

■ 56.6777, -10.3111,
-14.4370

■ 59.9191, -9.3288,
-9.7619

■ 63.3109, -7.8759,
-5.1541

■ 66.8418, -6.0030,
-0.6199

Harmonies

Analogous

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



40.9658, -18.5654, -33.6230



40.9652, -3.8606, -42.8691



40.9658, 13.8537, -36.5049

Triad

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



40.9658, -3.8599, -42.8682



40.9658, 31.3653, 14.0513



40.9658, -26.2739, 15.8436

Complementary

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



40.9652, -3.8606, -42.8691



38.3453, 37.9290, 24.2906

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.



40.9658, -16.0874, 21.4395



40.9652, -3.8606, -42.8691



40.9658, 17.2504, 20.7425

Square

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



40.9658, -3.8599, -42.8682



40.9658, 36.0546, 0.5940



40.9658, -0.4890, 22.7726



40.9658, -30.1054, 3.8010

Rectangle

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



40.9652, -3.8606, -42.8691



40.9658, 24.7426, -25.2840



40.9658, -0.4890, 22.7726



40.9658, -23.5706, 18.3178

Sweetspot

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



40.9658, -3.8599, -42.8682



79.9644, -12.5666, -13.3779



59.9402, -49.0917, 31.0571



36.6528, -6.1900, -7.5178



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.



40.9658, -3.8599, -42.8682



54.3913, -4.4642, -58.3475



21.0297, 42.8777, -118.8396



31.9531, -2.7985, -0.1623



34.2076, -3.5338, -35.1280



7.6070, -1.9786, -5.2369

Inverse Universe

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



34.4929, 62.9255, -7.6442



46.1079, 84.0314, -9.5098



59.4526, -5.3100, 36.5404



31.0415, 1.9083, 0.2918



28.6548, 52.3237, -6.6888



5.7773, 10.7358, -2.7932

Previews

White Background



This preview shows how the HunterLab color 40.9652, -3.8606, -42.8691 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 40.9652, -3.8606, -42.8691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

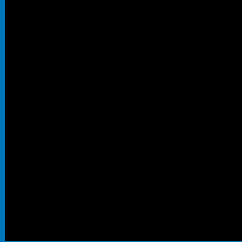
Any Text WCAG AA × Fail

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 40.9652, -3.8606, -42.8691 Background



This preview shows how black text looks on a background with the HunterLab color 40.9652, -3.8606, -42.8691.



This preview shows how white text looks on a background with the HunterLab color 40.9652, -3.8606, -42.8691.

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

40.9652, -3.8606, -42.8691

Protanopia

40.8539, 6.5101, -37.3779

Deuteranopia

40.9747, 3.5474, -43.5328



Tritanopia

40.8301, -19.7170, -8.4707

Trichromacy



Original Color

40.9652, -3.8606, -42.8691

Protanomaly

40.3308, 0.8555, -40.9931

Deuteranomaly

40.7346, -0.1347, -44.1512

Tritanomaly

40.6190, -14.3252, -19.8462

Monochromacy



Original Color

40.9652, -3.8606, -42.8691

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

34.2246, -6.8798, -13.2262

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9652, -3.8606, -42.8691 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9652, -3.8606, -42.8691 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, 187) }
```


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

```
.border{ border-color:rgb(0, 119, 187) }
```

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, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
187) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9652, -3.8606, -42.8691 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, 187) }
```

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

```
.background{ background-color: rgb(0, 119,  
187) }
```

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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