

Converting Colors

HunterLab(41.0716, -7.5375,
-38.7932)

Have a look what the booklet for
HunterLab(41.0716, -7.5375,
-38.7932) contains.

HunterLab(41.2942, -6.2113, -38.2059)	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>	30

Color

**HunterLab(41.2942, -6.2113,
-38.2059)**

Conversions

Conversions Part 1

Format	Color
Hex	0079B6
RGB	0, 121, 182
RGB Percent	0%, 47%, 71%
CMY	0.9999, 0.5255, 0.2863
CMYK	1.00, 0.34, 0.00, 0.29
HSL	200°, 100%, 36%
HSV	200°, 100%, 71%
XYZ	15.2808, 17.0521, 46.7419
YIQ	91.7750, -91.6970, -6.6810

Conversions

Conversions Part 2

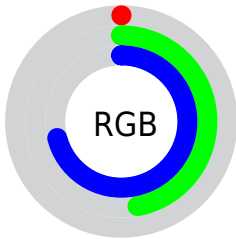
Format	Color
RYB	0, 73, 182
Decimal	31158
CIELab	48.33, -5.39, -39.97
CIELCh	48, 40.328, 262.323
Yxy	17.0527, 0.1932, 0.2156
Android (android.graphics.Color)	4278221238 (0xFF0079B6)
YUV	91.7750, 44.4809, -80.4867
Hunter-Lab	41.2942, -6.2113, -38.2059

Details

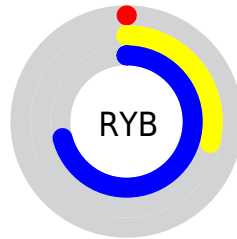
The HunterLab color **41.2942, -6.2113, -38.2059** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **36.4504, 38.8655, 23.1394**, and the grayscale version is **32.5001, -1.7341, 1.7658**.

A 20% lighter version of the original color is **61.9575, -7.9062, -39.3668**, and **25.1993, 0.8460, -33.3233** is the 20% darker color. If you saturate the color by 10%, you get **41.2912, -6.2064, -38.2127**, and if you desaturate by 10%, it is **43.2590, -8.4446, -34.1487**.

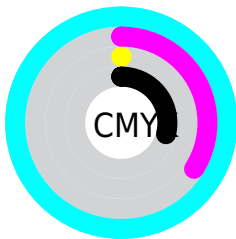
Distribution



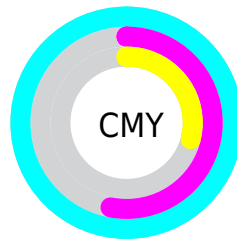
- Red (0%)
- Green (47%)
- Blue (71%)



- Red (0%)
- Yellow (29%)
- Blue (71%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.2942, -6.2113, -38.2059 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 41.2942, -6.2113, -38.2059 by changing the saturation by 10% instead.

41.2942, -6.2113,
-38.2059

41.2942, -6.2113,
-38.2059

153.4522,
-14.4705, -43.3272

32.0500, -5.3792,
-37.6489

61.9809, -7.9174,
-39.5253

23.6214, -4.5570,
-37.3297

73.3267, -8.7966,
-40.1866

16.0973, -3.7357,
-37.5938

85.2911, -9.6943,
-40.8187

9.6035, -2.9661,
-39.4525

97.8436, -10.6111,
-41.4119

0.0000, NaN, -NF

0.0000, NaN, -NF

110.9577,
-11.5470, -41.9611

0.0000, NaN, -NF

124.6105,

0.0000, NaN, NaN

-12.5023, -42.4638

0.0000, NaN, NaN

138.7814,
-13.4768, -42.9192

■ 41.2942, -6.2113,
-38.2059

■ 41.2942, -6.2113,
-38.2059

■ 41.2912, -6.2064,
-38.2127

■ 43.2590, -8.4446,
-34.1487

■ 45.3774, -10.1710,
-30.0418

■ 47.6790, -11.2734,
-25.8516

■ 50.1621, -11.7531,
-21.6057

■ 52.8204, -11.6360,
-17.3330

■ 55.6449, -10.9622,
-13.0591

■ 58.6256, -9.7784,
-8.8042

■ 61.7521, -8.1330,
-4.5829

■ 65.0139, -6.0736,
-0.4050

Harmonies

Analogous

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



41.2949, -19.2786, -28.0278



41.2942, -6.2113, -38.2059



41.2949, 10.0590, -34.7166

Triad

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



41.2949, -6.2107, -38.2050



41.2949, 30.0491, 11.8380



41.2949, -23.7225, 16.3645

Complementary

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



41.2942, -6.2113, -38.2059



36.4504, 38.8655, 23.1394

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.



41.2949, -13.1873, 21.1149



41.2942, -6.2113, -38.2059



41.2949, 18.1895, 19.2756

Square

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



41.2949, -6.2107, -38.2050



41.2949, 32.6673, -1.8289



41.2949, 1.9582, 21.9297



41.2949, -28.3446, 5.9470

Rectangle

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



41.2942, -6.2113, -38.2059



41.2949, 20.4590, -25.5517



41.2949, 1.9582, 21.9297



41.2949, -20.8388, 18.4864

Sweetspot

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



41.2949, -6.2107, -38.2050



78.7214, -13.2662, -12.1550



58.1291, -47.7961, 30.5237



36.1939, -6.5804, -6.8428



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



41.2949, -6.2107, -38.2050



55.1890, -7.7156, -52.3257



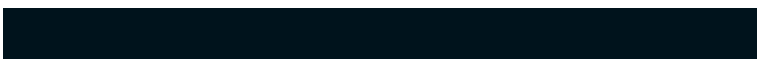
20.7957, 40.1507, -112.6608



31.1282, -2.8296, -0.0668



34.8806, -5.4990, -31.7270



7.3346, -2.1970, -4.4250

Inverse Universe

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



33.6547, 61.7309, -10.0500



45.2626, 82.9409, -12.8245



56.8293, -3.7549, 34.9512



30.1830, 1.8803, 0.1859



28.3029, 51.9584, -8.7555



5.4167, 10.1221, -3.0570

Previews

White Background



This preview shows how the HunterLab color 41.2942, -6.2113, -38.2059 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 41.2942, -6.2113, -38.2059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

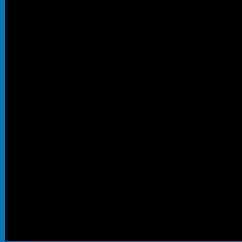
Any Text WCAG AA × Fail

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 41.2942, -6.2113, -38.2059 Background



This preview shows how black text looks on a background with the HunterLab color 41.2942, -6.2113, -38.2059.



This preview shows how white text looks on a background with the HunterLab color 41.2942, -6.2113, -38.2059.

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

41.2942, -6.2113, -38.2059

Protanopia

41.1335, 5.4674, -32.2782

Deuteranopia

41.4464, 3.2961, -39.2738

Trichromacy



Original Color

41.2942, -6.2113, -38.2059

Protanomaly

40.4544, -0.7701, -36.0473

Deuteranomaly

40.9217, -1.4684, -39.7188

Monochromacy



Original Color

41.2942, -6.2113, -38.2059

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

34.8008, -7.7858, -11.7474

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.2942, -6.2113, -38.2059 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, 121, 182)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 182)  
}
```

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, 121, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 41.2942, -6.2113, -38.2059 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, 121, 182) }
```

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

```
.border{ border-color:rgb(0, 121, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 182);  
box-shadow:4px 4px 4px 4px rgb(0, 121,  
182) }
```


Background

The CSS property to change the background color of an element to HunterLab 41.2942, -6.2113, -38.2059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 182) }
```

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

```
.background{ background-color: rgb(0, 121,  
182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor