

Converting Colors

HunterLab(36.1708, -21.1765,
-56.1251)

Have a look what the booklet for
HunterLab(36.1708, -21.1765,
-56.1251) contains.

HunterLab(41.0177, -3.5714, -43.5589)	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(41.0177, -3.5714,
-43.5589)**

Conversions

Conversions Part 1

Format	Color
Hex	0077BC
RGB	0, 119, 188
RGB Percent	0%, 47%, 74%
CMY	0.9998, 0.5333, 0.2627
CMYK	1.00, 0.37, 0.00, 0.26
HSL	202°, 100%, 37%
HSV	202°, 100%, 74%
XYZ	15.6739, 16.8245, 49.9983
YIQ	91.2850, -93.0730, -3.7690

Conversions

Conversions Part 2

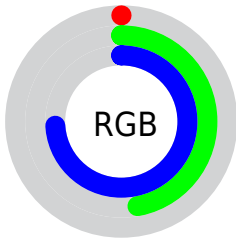
Format	Color
RYB	0, 73, 188
Decimal	30652
CIELab	48.04, -1.84, -43.89
CIELCh	48, 43.926, 267.604
Yxy	16.8250, 0.1900, 0.2039
Android (android.graphics.Color)	4278220732 (0xFF0077BC)
YUV	91.2850, 47.6805, -80.0569
Hunter-Lab	41.0177, -3.5714, -43.5589

Details

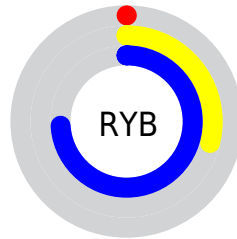
The HunterLab color **41.0177, -3.5714, -43.5589** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **38.6685, 37.9014, 24.4892**, and the grayscale version is **32.3084, -1.7239, 1.7554**.

A 20% lighter version of the original color is **61.7236, -4.8891, -45.0319**, and **24.9554, 3.2239, -38.1515** is the 20% darker color. If you saturate the color by 10%, you get **41.0139, -3.5650, -43.5680**, and if you desaturate by 10%, it is **43.2024, -6.2286, -38.7820**.

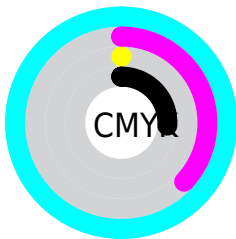
Distribution



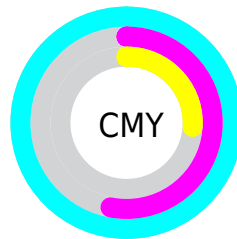
- Red (0%)
- Green (47%)
- Blue (74%)



- Red (0%)
- Yellow (29%)
- Blue (74%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (53%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0177, -3.5714, -43.5589 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 41.0177, -3.5714, -43.5589 by changing the saturation by 10% instead.

■ 41.0177, -3.5714,
-43.5589

■ 41.0177, -3.5714,
-43.5589

153.0236,
-10.3215, -49.1820

■ 31.7960, -2.9642,
-43.0844

■ 61.6642, -4.8767,
-44.8789

■ 23.3920, -2.3902,
-42.9635

■ 72.9918, -5.5742,
-45.5834

■ 15.8955, -1.8491,
-43.6629

■ 84.9388, -6.2999,
-46.2744

■ 9.4337, -1.3522,
-46.5493

■ 97.4747, -7.0529,
-46.9370

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 110.5731, -7.8323,
-47.5627

0.0000, NaN, -NF

■ 124.2107, -8.6374,

0.0000, NaN, NaN

-48.1468

0.0000, NaN, NaN

138.3670, -9.4674,
-48.6869

■ 41.0177, -3.5714,
-43.5589

■ 41.0177, -3.5714,
-43.5589

■ 41.0139, -3.5650,
-43.5680

■ 43.2024, -6.2286,
-38.7820

■ 45.5604, -8.3315,
-33.9865

■ 48.1191, -9.7661,
-29.1427

■ 50.8741, -10.5400,
-24.2841

■ 53.8161, -10.6870,
-19.4425

■ 56.9339, -10.2543,
-14.6433

■ 60.2153, -9.2949,
-9.9046

■ 63.6481, -7.8625,
-5.2376

■ 67.2208, -6.0081,
-0.6482

Harmonies

Analogous

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



41.0183, -18.5163, -34.4204



41.0177, -3.5714, -43.5589



41.0183, 14.3662, -36.8081

Triad

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



41.0183, -3.5706, -43.5580



41.0183, 31.5975, 14.3431



41.0183, -26.6426, 15.8126

Complementary

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



41.0177, -3.5714, -43.5589



38.6685, 37.9014, 24.4892

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.



41.0183, -16.4777, 21.5260



41.0177, -3.5714, -43.5589



41.0183, 17.1698, 20.9578

Square

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



41.0183, -3.5706, -43.5580



41.0183, 36.5605, 0.8893



41.0183, -0.7925, 22.9210



41.0183, -30.3868, 3.5322

Rectangle

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



41.0177, -3.5714, -43.5589



41.0183, 25.3407, -25.3035



41.0183, -0.7925, 22.9210



41.0183, -23.9556, 18.3370

Sweetspot

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



41.0183, -3.5706, -43.5580



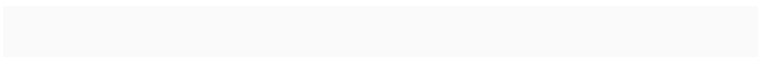
80.8325, -12.5953, -13.6581



60.3292, -49.1917, 30.7869



36.6106, -6.1248, -7.5771



97.7295, -5.2146, 5.3098



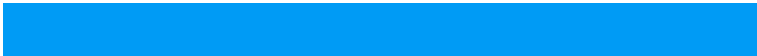
44.2712, -2.3622, 2.4053

Same Dimension

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



41.0183, -3.5706, -43.5580



54.7737, -4.0795, -59.6560



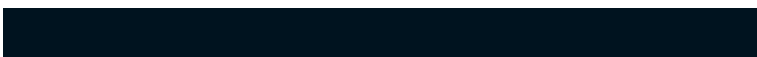
20.8103, 44.4458, -121.9501



31.9446, -2.7846, -0.1726



34.0564, -3.2897, -35.4661



7.5835, -1.9444, -5.2814

Inverse Universe

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



34.6760, 63.2184, -7.3679



46.6272, 84.9211, -9.1778



60.7160, -6.8079, 37.2926



31.0407, 1.9035, 0.3044



28.6366, 52.2582, -6.4345



5.7742, 10.7246, -2.7503

Previews

White Background



This preview shows how the HunterLab color 41.0177, -3.5714, -43.5589 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 41.0177, -3.5714, -43.5589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

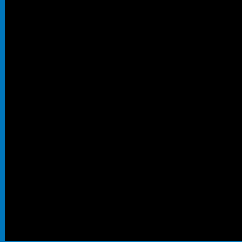
Any Text WCAG AA × Fail

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 41.0177, -3.5714, -43.5589 Background



This preview shows how black text looks on a background with the HunterLab color 41.0177, -3.5714, -43.5589.



This preview shows how white text looks on a background with the HunterLab color 41.0177, -3.5714, -43.5589.

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

41.0177, -3.5714, -43.5589

Protanopia

40.9039, 6.7735, -38.0428

Deuteranopia

40.9457, 3.5562, -44.4206



Tritanopia

40.8301, -19.7170, -8.4707

Trichromacy



Original Color

41.0177, -3.5714, -43.5589

Protanomaly

40.3826, 1.1351, -41.6759

Deuteranomaly

40.7628, 0.0681, -44.9073

Tritanomaly

40.6190, -14.3252, -19.8462

Monochromacy



Original Color

41.0177, -3.5714, -43.5589

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 41.0177, -3.5714, -43.5589 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 41.0177, -3.5714, -43.5589 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, 188) }
```


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

```
.border{ border-color:rgb(0, 119, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 188);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.0177, -3.5714, -43.5589 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, 188) }
```

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

```
.background{ background-color: rgb(0, 119,  
188) }
```

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