

Converting Colors

HunterLab(40.4677, -21.0679,
-5.1014)

Have a look what the booklet for
HunterLab(40.4677, -21.0679,
-5.1014) contains.

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Color

**HunterLab(40.5958,
-21.1054, -5.1808)**

Conversions

Conversions Part 1

Format	Color
Hex	007E80
RGB	0, 126, 128
RGB Percent	0%, 49%, 50%
CMY	0.9999, 0.5059, 0.4980
CMYK	1.00, 0.02, 0.00, 0.50
HSL	181°, 100%, 25%
HSV	181°, 100%, 50%
XYZ	11.3571, 16.4802, 23.0044
YIQ	88.5540, -75.7380, -26.0900

Conversions

Conversions Part 2

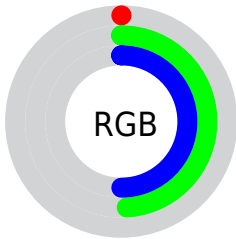
Format	Color
RYB	0, 63, 128
Decimal	32384
CIELab	47.60, -27.86, -9.47
CIElCh	48, 29.424, 198.767
Yxy	16.4808, 0.2234, 0.3241
Android (android.graphics.Color)	4278222464 (0xFF007E80)
YUV	88.5540, 19.4469, -77.6619
Hunter-Lab	40.5958, -21.1054, -5.1808

Details

The HunterLab color **40.5958, -21.1054, -5.1808** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21.5244, 36.3393, 13.8982**, and the grayscale version is **31.3955, -1.6752, 1.7058**.

A 20% lighter version of the original color is **61.1312, -25.3954, -5.1752**, and **23.9445, -12.1158, -3.7740** is the 20% darker color. If you saturate the color by 10%, you get **40.5963, -21.1058, -5.1805**, and if you desaturate by 10%, it is **40.7628, -20.7738, -4.9504**.

Distribution



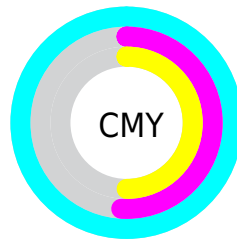
- Red (0%)
- Green (49%)
- Blue (50%)



- Red (0%)
- Yellow (25%)
- Blue (50%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5958, -21.1054, -5.1808 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 40.5958, -21.1054, -5.1808 by changing the saturation by 10% instead.

40.5958, -21.1054,
-5.1808

40.5958, -21.1054,
-5.1808

152.3687,
-39.4178, -2.6355

31.4086, -18.7238,
-5.1812

61.1808, -25.5296,
-4.9736

23.0425, -16.1670,
-5.1027

72.4804, -27.6272,
-4.7810

15.5885, -13.3476,
-4.9347

84.4008, -29.6715,
-4.5356

9.1720, -13.7254,
-4.6790

96.9115, -31.6742,
-4.2413

0.0000, NaN, -NF

0.0000, NaN, NaN

109.9856,
-33.6441, -3.9015

0.0000, NaN, NaN

123.5999,

0.0000, NaN, NaN

-35.5879, -3.5191

0.0000, NaN, NaN

137.7338,
-37.5110, -3.0964

■ 40.5958, -21.1054,
-5.1808

■ 40.5958, -21.1054,
-5.1808

■ 40.5963, -21.1058,
-5.1805

■ 40.7628, -20.7738,
-4.9504

■ 40.9851, -20.2235,
-4.6427

■ 41.2972, -19.3255,
-4.2113

■ 41.7079, -18.0527,
-3.6473

■ 42.2234, -16.3914,
-2.9461

■ 42.8479, -14.3390,
-2.1073

■ 43.5839, -11.9029,
-1.1340

■ 44.4322, -9.0982,
-0.0318

■ 45.3922, -5.9468,
1.1913

Harmonies

Analogous

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



40.5965, -21.7116, 6.1086



40.5958, -21.1054, -5.1808



40.5965, -15.7766, -17.0729

Triad

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



40.5965, -21.1054, -5.1802



40.5965, 15.8926, -14.3005



40.5965, 2.2431, 17.9344

Complementary

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



40.5958, -21.1054, -5.1808



21.5244, 36.3393, 13.8982

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.



40.5965, 13.5084, 15.0893



40.5958, -21.1054, -5.1808



40.5965, 21.9552, -2.1187

Square

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



40.5965, -21.1054, -5.1802



40.5965, 5.2158, -23.2708



40.5965, 21.0369, 8.4280



40.5965, -9.0597, 17.5401

Rectangle

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



40.5958, -21.1054, -5.1808



40.5965, -9.8923, -22.7838



40.5965, 21.0369, 8.4280



40.5965, 6.1801, 17.3663

Sweetspot

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



40.5965, -21.1054, -5.1802



57.7576, -16.0371, -1.6011



39.2921, -33.6920, 23.6211



27.7729, -8.3365, -1.0040



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.5965, -21.1054, -5.1802



53.8477, -27.9821, -6.8995



22.8612, 4.7357, -38.7950



22.0811, -2.7426, 0.6341



40.4249, -21.0168, -5.1583

0.0000, NaN, NaN

Inverse Universe

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



24.6901, 48.3800, -31.3404



32.7569, 64.1872, -41.5460



28.7350, 16.4060, 17.9927



21.0031, 1.4496, -0.5784



24.5850, 48.1780, -31.2099

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.5958, -21.1054, -5.1808 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 40.5958, -21.1054, -5.1808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

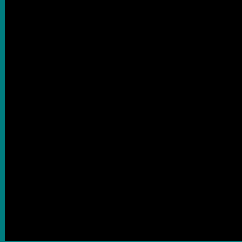
Any Text WCAG AA × Fail

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 40.5958, -21.1054, -5.1808 Background



This preview shows how black text looks on a background with the HunterLab color 40.5958, -21.1054, -5.1808.



This preview shows how white text looks on a background with the HunterLab color 40.5958,

-21.1054, -5.1808.

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

40.5958, -21.1054, -5.1808

Protanopia

40.5351, -0.7697, -0.5638

Deuteranopia

40.4910, 2.6736, -6.9677



Tritanopia

40.7135, -18.5669, -8.6177

Trichromacy



Original Color

40.5958, -21.1054, -5.1808

Protanomaly

39.3769, -12.0344, -3.6703

Deuteranomaly

39.4283, -9.7396, -8.1644

Tritanomaly

40.5200, -19.5255, -7.3155

Monochromacy



Original Color

40.5958, -21.1054, -5.1808

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.6925, -11.8800, -2.0277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5958, -21.1054, -5.1808 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, 126, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 128)  
}
```

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, 126, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5958, -21.1054, -5.1808 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, 126, 128) }
```


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

```
.border{ border-color:rgb(0, 126, 128) }
```

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

Here you see how a box with a 4 pixel rgb(0, 126, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5958, -21.1054, -5.1808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 128) }
```

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

```
.background{ background-color: rgb(0, 126,  
128) }
```

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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