

Converting Colors

HunterLab(40.3464, -21.6768,
-4.8529)

Have a look what the booklet for
HunterLab(40.3464, -21.6768,
-4.8529) contains.

HunterLab(40.5635, -21.2974, -4.7259)	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(40.5635,
-21.2974, -4.7259)**

Conversions

Conversions Part 1

Format	Color
Hex	007E7F
RGB	0, 126, 127
RGB Percent	0%, 49%, 50%
CMY	0.9999, 0.5059, 0.5020
CMYK	1.00, 0.01, 0.00, 0.50
HSL	180°, 100%, 25%
HSV	180°, 100%, 50%
XYZ	11.2916, 16.4540, 22.6594
YIQ	88.4400, -75.4170, -26.4010

Conversions

Conversions Part 2

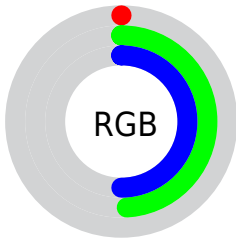
Format	Color
RYB	0, 63, 127
Decimal	32383
CIELab	47.57, -28.19, -8.93
CIELCh	48, 29.568, 197.570
Yxy	16.4546, 0.2240, 0.3264
Android (android.graphics.Color)	4278222463 (0xFF007E7F)
YUV	88.4400, 19.0101, -77.5619
Hunter-Lab	40.5635, -21.2974, -4.7259

Details

The HunterLab color **40.5635, -21.2974, -4.7259** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21.2935, 36.2001, 13.7535**, and the grayscale version is **31.3551, -1.6730, 1.7036**.

A 20% lighter version of the original color is **61.0977, -25.5910, -4.7023**, and **23.9143, -12.2951, -3.3493** is the 20% darker color. If you saturate the color by 10%, you get **40.5641, -21.2979, -4.7256**, and if you desaturate by 10%, it is **40.6982, -20.9306, -4.5397**.

Distribution



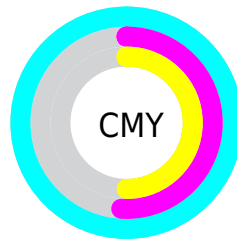
- Red (0%)
- Green (49%)
- Blue (50%)



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



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5635, -21.2974, -4.7259 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 40.5635, -21.2974, -4.7259 by changing the saturation by 10% instead.

40.5635, -21.2974,
-4.7259

40.5635, -21.2974,
-4.7259

152.3185,
-39.7648, -1.9926

31.3790, -18.8912,
-4.7512

61.1438, -25.7642,
-4.4716

23.0157, -16.3066,
-4.6984

72.4412, -27.8806,
-4.2567

15.5650, -13.4546,
-4.5560

84.3596, -29.9427,
-3.9899

9.1517, -13.9105,
-4.3245

96.8683, -31.9620,
-3.6749

0.0000, NaN, -NF

0.0000, NaN, NaN

109.9406,
-33.9477, -3.3152

0.0000, NaN, NaN

123.5531,

0.0000, NaN, NaN

-35.9066, -2.9133

0.0000, NaN, NaN

137.6852,
-37.8442, -2.4717

■ 40.5635, -21.2974,
-4.7259

■ 40.5635, -21.2974,
-4.7259

■ 40.5641, -21.2979,
-4.7256

■ 40.6982, -20.9306,
-4.5397

■ 40.8872, -20.3490,
-4.2779

■ 41.1650, -19.4235,
-3.8941

■ 41.5403, -18.1270,
-3.3789

■ 42.0195, -16.4451,
-2.7272

■ 42.6071, -14.3748,
-1.9382

■ 43.3055, -11.9226,
-1.0143

■ 44.1159, -9.1035,
0.0394

■ 45.0380, -5.9385,
1.2154

Harmonies

Analogous

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



40.5643, -21.7125, 6.5104



40.5635, -21.2974, -4.7259



40.5643, -16.1311, -16.7581

Triad

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



40.5643, -21.2974, -4.7253



40.5643, 15.6235, -14.8529



40.5643, 2.7415, 17.9318

Complementary

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



40.5635, -21.2974, -4.7259



21.2935, 36.2001, 13.7535

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.



40.5643, 13.9870, 14.9436



40.5635, -21.2974, -4.7259



40.5643, 21.9654, -2.6242

Square

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



40.5643, -21.2974, -4.7253



40.5643, 4.7808, -23.6409



40.5643, 21.3349, 8.0992



40.5643, -8.6757, 17.6627

Rectangle

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



40.5635, -21.2974, -4.7259



40.5643, -10.3226, -22.6753



40.5643, 21.3349, 8.0992



40.5643, 6.6896, 17.3199

Sweetspot

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



40.5643, -21.2974, -4.7253



57.8780, -16.2100, -1.4531



38.9603, -33.4075, 23.4216



27.8383, -8.4289, -0.9232



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.



40.5643, -21.2974, -4.7253



54.2723, -28.4886, -6.3369



22.6804, 4.6722, -38.4320



22.0936, -2.7626, 0.6488



40.7363, -21.3882, -4.7458

0.0000, NaN, NaN

Inverse Universe

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



24.5333, 48.1505, -31.7439



32.8275, 64.4320, -42.4599



28.5021, 16.2453, 17.8463



21.0044, 1.4567, -0.5973



24.6368, 48.3576, -31.8802

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.5635, -21.2974, -4.7259 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 40.5635, -21.2974, -4.7259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

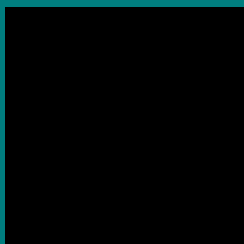
Any Text WCAG AA × Fail

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 40.5635, -21.2974, -4.7259 Background



This preview shows how black text looks on a background with the HunterLab color 40.5635, -21.2974, -4.7259.



This preview shows how white text looks on a background with the HunterLab color 40.5635,

-21.2974, -4.7259.

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

40.5635, -21.2974, -4.7259

Protanopia

40.5056, -0.9303, -0.1449

Deuteranopia

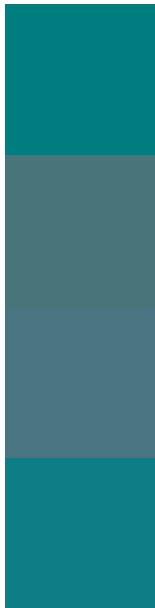
40.5406, 2.7729, -6.3741



Tritanopia

40.7272, -18.5138, -8.5972

Trichromacy



Original Color

40.5635, -21.2974, -4.7259

Protanomaly

39.3456, -12.2140, -3.2278

Deuteranomaly

39.3941, -9.9338, -7.6847

Tritanomaly

40.5297, -19.4879, -7.3013

Monochromacy



Original Color

40.5635, -21.2974, -4.7259

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

33.6196, -12.2151, -1.6661

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5635, -21.2974, -4.7259 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5635, -21.2974, -4.7259 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, 127) }
```


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

```
.border{ border-color:rgb(0, 126, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5635, -21.2974, -4.7259 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, 127) }
```

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

```
.background{ background-color: rgb(0, 126,  
127) }
```

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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