

Converting Colors

HunterLab(41.5760, -16.9629,
5.8766)

Have a look what the booklet for
HunterLab(41.5760, -16.9629,
5.8766) contains.

HunterLab(41.5760, -16.9629, 5.8766)	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(41.5760,
-16.9629, 5.8766)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7D6A
RGB	77, 125, 106
RGB Percent	30%, 49%, 42%
CMY	0.6980, 0.5098, 0.5843
CMYK	0.38, 0.00, 0.15, 0.51
HSL	156°, 24%, 40%
HSV	156°, 38%, 49%
XYZ	12.9957, 17.2856, 16.2872
YIQ	108.4820, -22.5090, -16.0850

Conversions

Conversions Part 2

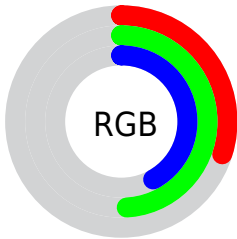
Format	Color
RYB	77, 107, 125
Decimal	5078378
CIELab	48.62, -20.94, 5.24
CIELCh	49, 21.586, 165.942
Yxy	17.2863, 0.2791, 0.3712
Android (android.graphics.Color)	4283268458 (0xFF4D7D6A)
YUV	108.4820, -1.2236, -27.6097
Hunter-Lab	41.5760, -16.9629, 5.8766

Details

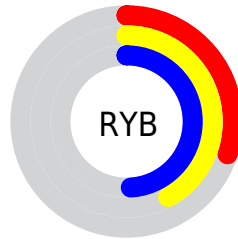
The HunterLab color $41.5760, -16.9629, 5.8766$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $32.4233, 16.0571, 0.0228$, and the grayscale version is $38.9197, -2.0767, 2.1146$.

A 20% lighter version of the original color is $62.3412, -20.5983, 7.7167$, and $23.9406, -13.1702, 4.2744$ is the 20% darker color. If you saturate the color by 10%, you get $40.8844, -19.8870, 6.9704$, and if you desaturate by 10%, it is $42.3830, -13.6559, 4.8595$.

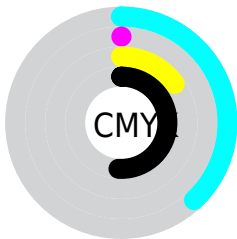
Distribution



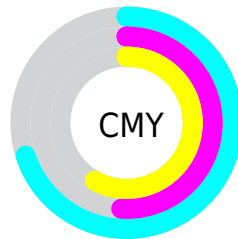
- Red (30%)
- Green (49%)
- Blue (42%)



- Red (30%)
- Yellow (42%)
- Blue (49%)



- Cyan (38%)
- Magenta (0%)
- Yellow (15%)
- Black (51%)



- Cyan (70%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.5760, -16.9629, 5.8766 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 41.5760, -16.9629, 5.8766 by changing the saturation by 10% instead.

■ 41.5760, -16.9629,
5.8766

■ 41.5760, -16.9629,
5.8766

153.8886,
-32.0630, 14.1239

■ 32.3092, -15.0895,
5.0523

■ 62.3036, -20.5076,
7.5739

■ 23.8556, -13.1067,
4.2377

■ 73.6681, -22.2140,
8.4497

■ 16.3035, -10.9576,
3.4246

■ 85.6501, -23.8917,
9.3452

■ 9.7772, -9.8852,
2.7669

■ 98.2193, -25.5485,
10.2606

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.3496,
-27.1900, 11.1962

0.0000, NaN, NaN

125.0178,

0.0000, NaN, NaN

-28.8208, 12.1520

0.0000, NaN, NaN

139.2035,
-30.4442, 13.1280

■ 41.5760, -16.9629,
5.8766

■ 41.5760, -16.9629,
5.8766

■ 40.8844, -19.8870,
6.9704

■ 42.3830, -13.6559,
4.8595

■ 40.3044, -22.4079,
8.1267

■ 43.3028, -9.9903,
3.9276

■ 39.8335, -24.5171,
9.3314

■ 44.3348, -5.9978,
3.0890

■ 39.4666, -26.2172,
10.5678

■ 45.4765, -1.7125,
2.3488

■ 39.1960, -27.5253,
11.8177

■ 46.7247, 2.8308,
1.7098

■ 38.9960, -28.5373,
13.0473

■ 48.0753, 7.5974,
1.1726

■ 38.9654, -28.6930,
13.2367

■ 49.5241, 12.5548,
0.7362

■ 51.0665, 17.6726,
0.3981

■ 52.6978, 22.9237,
0.1548

Harmonies

Analogous

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



41.5768, -13.3621, 11.7158



41.5760, -16.9629, 5.8766



41.5768, -16.8440, -2.2539

Triad

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



41.5768, -16.9635, 5.8771



41.5768, 2.3804, -15.7058



41.5768, 9.8093, 11.9859

Complementary

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



41.5760, -16.9629, 5.8766



32.4233, 16.0571, 0.0228

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.



41.5768, 14.7529, 6.3242



41.5760, -16.9629, 5.8766



41.5768, 10.2335, -10.1127

Square

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



41.5768, -16.9635, 5.8771



41.5768, -6.1298, -15.8929



41.5768, 14.9141, -1.7075



41.5768, 1.8384, 14.7307

Rectangle

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



41.5760, -16.9629, 5.8766



41.5768, -14.6826, -7.9749



41.5768, 14.9141, -1.7075



41.5768, 11.9075, 10.4184

Sweetspot

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



41.5768, -16.9635, 5.8771



58.7723, -10.1536, 4.5548



42.0731, -16.2734, 15.7456



27.9643, -5.0979, 2.2253



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



41.5768, -16.9635, 5.8771



54.8208, -26.1382, 9.1340



40.6697, -11.9055, -3.4343



22.0430, -3.1348, 1.5668



39.8051, -29.3236, 13.5483

0.0000, NaN, NaN

Inverse Universe

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



32.4233, 16.0571, 0.0228



40.1403, 27.1696, -0.0353



33.0162, 11.4227, 7.9354



20.9052, 0.9240, 0.8133



21.8744, 38.5320, 5.8291

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.5760, -16.9629, 5.8766 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 41.5760, -16.9629, 5.8766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

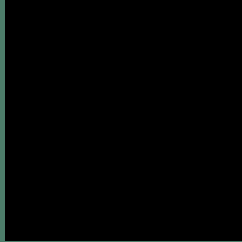
Any Text WCAG AA × Fail

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 41.5760, -16.9629, 5.8766 Background



This preview shows how black text looks on a background with the HunterLab color 41.5760, -16.9629, 5.8766.



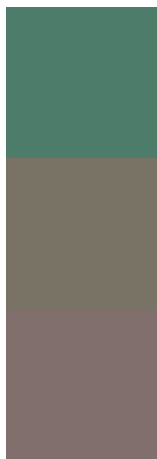
This preview shows how white text looks on a background with the HunterLab color 41.5760,

-16.9629, 5.8766.

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

41.5760, -16.9629, 5.8766

Protanopia

41.4658, -2.7187, 7.8992

Deuteranopia

41.3064, 2.6758, 4.7327



Tritanopia

41.4155, -9.9764, -5.3948

Trichromacy



Original Color

41.5760, -16.9629, 5.8766

Protanomaly

41.3715, -8.7432, 6.9502

Deuteranomaly

41.0179, -5.3786, 4.6736

Tritanomaly

41.3201, -12.4113, -1.1758

Monochromacy



Original Color

41.5760, -16.9629, 5.8766

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.5443, -7.8091, 3.3748

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.5760, -16.9629, 5.8766 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(77, 125, 106)` looks like.

```
.text, #text, p{  
    color:rgb(77, 125, 106)  
}
```

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(77, 125, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 125, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 41.5760, -16.9629, 5.8766 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(77, 125, 106) }
```


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

```
.border{ border-color:rgb(77, 125, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 125, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 125, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 125, 106);  
box-shadow:4px 4px 4px 4px rgb(77, 125,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.5760, -16.9629, 5.8766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 125, 106) }
```

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

```
.background{ background-color: rgb(77, 125,  
106) }
```

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