

Converting Colors

HunterLab(40.9249, -18.9923,
-4.4524)

Have a look what the booklet for
HunterLab(40.9249, -18.9923,
-4.4524) contains.

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Color

**HunterLab(40.7895,
-18.7401, -4.8785)**

Conversions

Conversions Part 1

Format	Color
Hex	267D80
RGB	38, 125, 128
RGB Percent	15%, 49%, 50%
CMY	0.8510, 0.5098, 0.4980
CMYK	0.70, 0.02, 0.00, 0.50
HSL	182°, 54%, 33%
HSV	182°, 70%, 50%
XYZ	12.0293, 16.6378, 22.9995
YIQ	99.3290, -52.8150, -17.5110

Conversions

Conversions Part 2

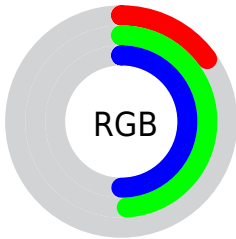
Format	Color
R_{YB}	38, 82, 128
Decimal	2522496
CIE Lab	47.80, -23.97, -9.11
CIE LCh	48, 25.638, 200.811
Yxy	16.6385, 0.2328, 0.3220
Android (android.graphics.Color)	4280712576 (0xFF267D80)
YUV	99.3290, 14.1348, -53.7855
Hunter-Lab	40.7895, -18.7401, -4.8785




Details

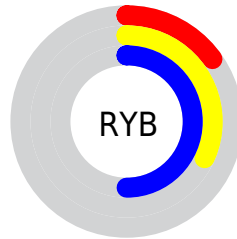
The HunterLab color **40.7895, -18.7401, -4.8785** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25.1306, 27.3721, 11.6371**, and the grayscale version is **35.4105, -1.8894, 1.9239**.




A 20% lighter version of the original color is **61.4153, -22.6358, -4.7557**, and **23.9445, -12.1158, -3.7740** is the 20% darker color. If you saturate the color by 10%, you get **40.4077, -19.5488, -5.4089**, and if you desaturate by 10%, it is **41.2714, -17.5574, -4.2147**.

Distribution







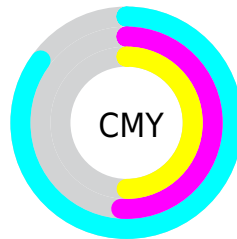
-  Red (15%)
-  Green (49%)
-  Blue (50%)






-  Red (15%)
-  Yellow (32%)
-  Blue (50%)



-  Cyan (70%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (85%)
-  Magenta (51%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7895, -18.7401, -4.8785 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 40.7895, -18.7401, -4.8785 by changing the saturation by 10% instead.

40.7895, -18.7401,
-4.8785

40.7895, -18.7401,
-4.8785

152.6696,
-35.2417, -2.1993

31.5865, -16.6434,
-4.8970

61.4029, -22.6695,
-4.6374

23.2029, -14.4077,
-4.8372

72.7153, -24.5466,
-4.4289

15.7294, -11.9616,
-4.6882

84.6480, -26.3843,
-4.1682

9.2932, -11.7334,
-4.4439

97.1703, -28.1919,
-3.8592

0.0000, NaN, -NF

0.0000, NaN, NaN

110.2555,
-29.9765, -3.5053

0.0000, NaN, NaN

123.8806,

0.0000, NaN, NaN

-31.7436, -3.1091

0.0000, NaN, NaN

138.0247,
-33.4975, -2.6731

■ 40.7895, -18.7401,
-4.8785

■ 40.7895, -18.7401,
-4.8785

■ 40.4077, -19.5488,
-5.4089

■ 41.2714, -17.5574,
-4.2147

■ 40.1152, -20.0091,
-5.8156

■ 41.8569, -15.9877,
-3.4160

■ 39.8844, -20.2506,
-6.1368

■ 42.5506, -14.0299,
-2.4826

■ 43.3544, -11.6921,
-1.4188

■ 44.2688, -8.9904,
-0.2313

■ 45.2928, -5.9467,
1.0714

■ 46.4246, -2.5872,
2.4794

■ 47.6613, 1.0596,
3.9821

■ 48.9996, 4.9644,
5.5689

Harmonies

Analogous

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



40.7903, -19.5810, 5.0525



40.7895, -18.7401, -4.8785



40.7903, -13.7025, -14.7834

Triad

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



40.7903, -18.7402, -4.8779



40.7903, 13.9330, -11.2114



40.7903, 0.9584, 16.5350

Complementary

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



40.7895, -18.7401, -4.8785



25.1306, 27.3721, 11.6371

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.



40.7903, 10.7861, 14.0683



40.7895, -18.7401, -4.8785



40.7903, 18.7406, -0.8307

Square

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



40.7903, -18.7402, -4.8779



40.7903, 4.9283, -19.0124



40.7903, 17.5362, 8.2352



40.7903, -8.8301, 15.9539

Rectangle

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



40.7895, -18.7401, -4.8785



40.7903, -8.3474, -19.2773



40.7903, 17.5362, 8.2352



40.7903, 4.3800, 16.0626

Sweetspot

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



40.7903, -18.7402, -4.8779



58.5895, -12.3746, -0.5002



40.0008, -30.3149, 21.2069



28.2106, -6.3994, -0.4216



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.



40.7903, -18.7402, -4.8779



53.3844, -26.3364, -7.4998



28.1615, -0.6295, -25.6545



22.0524, -2.6970, 0.6005



39.7162, -20.1656, -6.1101

0.0000, NaN, NaN

Inverse Universe

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



27.3068, 39.1357, -24.6168



33.7922, 59.7007, -37.3820



33.3891, 8.1901, 17.4605



21.0000, 1.4333, -0.5353



24.4681, 47.7725, -29.6939

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.7895, -18.7401, -4.8785 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 40.7895, -18.7401, -4.8785 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 40.7895, -18.7401, -4.8785 Background



This preview shows how black text looks on a background with the HunterLab color 40.7895, -18.7401, -4.8785.



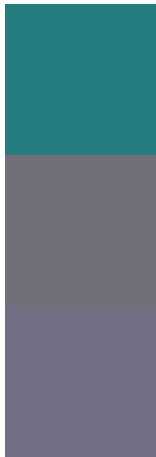
This preview shows how white text looks on a background with the HunterLab color 40.7895,

-18.7401, -4.8785.

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

40.7895, -18.7401, -4.8785

Protanopia

40.5649, -0.6076, -0.9865

Deuteranopia

40.5406, 2.7729, -6.3741



Tritanopia

40.7784, -16.7964, -7.9595

Trichromacy



Original Color

40.7895, -18.7401, -4.8785

Protanomaly

40.1635, -9.0690, -3.0728

Deuteranomaly

39.8741, -6.7023, -6.9498

Tritanomaly

40.6850, -17.2912, -7.0453

Monochromacy



Original Color

40.7895, -18.7401, -4.8785

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.6452, -9.3903, -1.4515

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7895, -18.7401, -4.8785 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(38, 125, 128)` looks like.

```
.text, #text, p{  
    color:rgb(38, 125, 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(38, 125, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 125, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7895, -18.7401, -4.8785 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(38, 125, 128) }
```


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

```
.border{ border-color:rgb(38, 125, 128) }
```

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

Here you see how a box with a 4 pixel rgb(38, 125, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 125, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 125, 128);  
box-shadow:4px 4px 4px 4px rgb(38, 125,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7895, -18.7401, -4.8785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 125, 128) }
```

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

```
.background{ background-color: rgb(38, 125,  
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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