

Converting Colors

HunterLab(40.7484, -18.5683,
-5.5028)

Have a look what the booklet for
HunterLab(40.7484, -18.5683,
-5.5028) contains.

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Color

**HunterLab(40.7989,
-18.6386, -5.3680)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 257D81 |
| RGB | 37, 125, 129 |
| RGB Percent | 15%, 49%, 51% |
| CMY | 0.8549, 0.5098, 0.4941 |
| CMYK | 0.71, 0.03, 0.00, 0.49 |
| HSL | 183°, 55%, 33% |
| HSV | 183°, 71%, 51% |
| XYZ | 12.0590, 16.6455, 23.3462 |
| YIQ | 99.1440, -53.7320, -17.4120 |

Conversions

Conversions Part 2

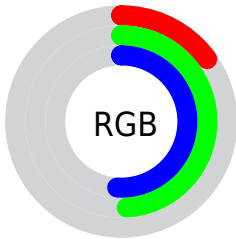
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 37, 82, 129 |
| Decimal | 2456961 |
| CIE _{Lab} | 47.81, -23.80, -9.69 |
| CIE _{LCh} | 48, 25.697, 202.147 |
| Yxy | 16.6461, 0.2317, 0.3198 |
| Android (android.graphics.Color) | 4280647041 (0xFF257D81) |
| YUV | 99.1440, 14.7190, -54.5003 |
| Hunter-Lab | 40.7989, -18.6386, -5.3680 |

Details

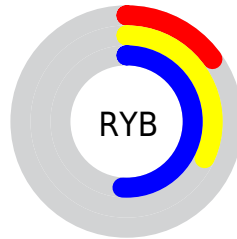
The HunterLab color **40.7989, -18.6386, -5.3680** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25.2724, 27.6783, 11.9501**, and the grayscale version is **35.3391, -1.8856, 1.9200**.

A 20% lighter version of the original color is **61.4488, -22.4416, -5.2296**, and **23.9751, -11.9343, -4.2040** is the 20% darker color. If you saturate the color by 10%, you get **40.3814, -19.3705, -5.9505**, and if you desaturate by 10%, it is **41.3168, -17.5308, -4.6516**.

Distribution



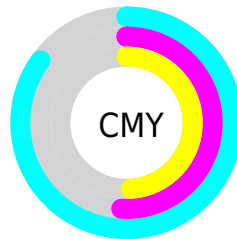
- Red (15%)
- Green (49%)
- Blue (51%)



- Red (15%)
- Yellow (32%)
- Blue (51%)



- Cyan (71%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (85%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7989, -18.6386, -5.3680 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 40.7989, -18.6386, -5.3680 by changing the saturation by 10% instead.

40.7989, -18.6386,
-5.3680

40.7989, -18.6386,
-5.3680

152.6842,
-35.0643, -2.8905

31.5951, -16.5538,
-5.3598

61.4136, -22.5472,
-5.1774

23.2107, -14.3315,
-5.2726

72.7267, -24.4152,
-4.9927

15.7362, -11.9010,
-5.0963

84.6600, -26.2442,
-4.7550

9.2991, -11.6496,
-4.8274

97.1828, -28.0436,
-4.4683

0.0000, NaN, -NF

0.0000, NaN, NaN

110.2686,
-29.8205, -4.1358

0.0000, NaN, NaN

123.8942,

0.0000, NaN, NaN

-31.5801, -3.7604

0.0000, NaN, NaN

138.0388,
-33.3269, -3.3446

■ 40.7989, -18.6386,
-5.3680

■ 40.7989, -18.6386,
-5.3680

■ 40.3814, -19.3705,
-5.9505

■ 41.3168, -17.5308,
-4.6516

■ 40.0536, -19.7532,
-6.4088

■ 41.9388, -16.0337,
-3.8001

■ 39.8104, -19.9240,
-6.7494

■ 42.6694, -14.1458,
-2.8142

■ 43.5103, -11.8752,
-1.6985

■ 44.4620, -9.2381,
-0.4601

■ 45.5234, -6.2562,
0.8919

■ 46.6924, -2.9558,
2.3473

■ 47.9663, 0.6347,
3.8955

■ 49.3415, 4.4860,
5.5258

Harmonies

Analogous

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



40.7997, -19.6745, 4.6628



40.7989, -18.6386, -5.3680



40.7997, -13.4149, -15.2044

Triad

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



40.7997, -18.6387, -5.3674



40.7997, 14.2977, -10.8049



40.7997, 0.5055, 16.5996

Complementary

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



40.7989, -18.6386, -5.3680



25.2724, 27.6783, 11.9501

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.



40.7997, 10.4216, 14.2711



40.7989, -18.6386, -5.3680



40.7997, 18.8737, -0.3820

Square

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



40.7997, -18.6387, -5.3674



40.7997, 5.3955, -18.8379



40.7997, 17.3904, 8.5838



40.7997, -9.2386, 15.8835

Rectangle

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



40.7989, -18.6386, -5.3680



40.7997, -7.9582, -19.5412



40.7997, 17.3904, 8.5838



40.7997, 3.9406, 16.1718

Sweetspot

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



40.7997, -18.6387, -5.3674



59.4746, -12.4293, -0.6466



40.3086, -30.6951, 21.3383



28.1523, -6.3127, -0.4926



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.



40.7997, -18.6387, -5.3674



53.7316, -26.3132, -8.3914



27.7605, 0.2207, -27.2484



22.0360, -2.6709, 0.5812



39.3117, -19.6758, -6.6618

0.0000, NaN, NaN

Inverse Universe

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



27.3338, 39.7832, -24.5471



34.0618, 61.1973, -37.4467



33.8637, 7.7913, 17.9378



20.9983, 1.4240, -0.5107

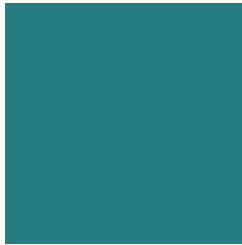


24.4021, 47.5431, -28.8347

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.7989, -18.6386, -5.3680 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 40.7989, -18.6386, -5.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

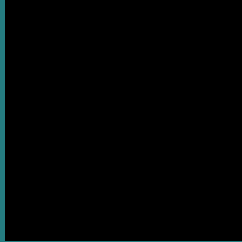
Any Text WCAG AA × Fail

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 40.7989, -18.6386, -5.3680 Background



This preview shows how black text looks on a background with the HunterLab color 40.7989, -18.6386, -5.3680.



This preview shows how white text looks on a background with the HunterLab color 40.7989,

-18.6386, -5.3680.

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

40.7989, -18.6386, -5.3680

Protanopia

40.5137, -0.7238, -1.5211

Deuteranopia

40.4910, 2.6736, -6.9677



Tritanopia

40.7279, -16.9901, -8.0346

Trichromacy



Original Color

40.7989, -18.6386, -5.3680

Protanomaly

40.1362, -9.1062, -3.5965

Deuteranomaly

39.8480, -6.7284, -7.5131

Tritanomaly

40.6357, -17.4811, -7.1176

Monochromacy



Original Color

40.7989, -18.6386, -5.3680

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.5888, -9.5980, -1.5267

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7989, -18.6386, -5.3680 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(37, 125, 129)` looks like.

```
.text, #text, p{  
    color:rgb(37, 125, 129)  
}
```

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(37, 125, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 125, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7989, -18.6386, -5.3680 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(37, 125, 129) }
```


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

```
.border{ border-color:rgb(37, 125, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 125, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 125, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 125, 129);  
box-shadow:4px 4px 4px 4px rgb(37, 125,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7989, -18.6386, -5.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 125, 129) }
```

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

```
.background{ background-color: rgb(37, 125,  
129) }
```

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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