

Converting Colors

HunterLab(35.9700, -37.2819,
-20.0635)

Have a look what the booklet for
HunterLab(35.9700, -37.2819,
-20.0635) contains.

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Color

**HunterLab(40.7312,
-18.0716, -11.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	007D8D
RGB	0, 125, 141
RGB Percent	0%, 49%, 55%
CMY	0.9999, 0.5098, 0.4471
CMYK	1.00, 0.11, 0.00, 0.45
HSL	187°, 100%, 28%
HSV	187°, 100%, 55%
XYZ	12.1413, 16.5903, 27.7616
YIQ	89.4490, -79.6360, -21.5240

Conversions

Conversions Part 2

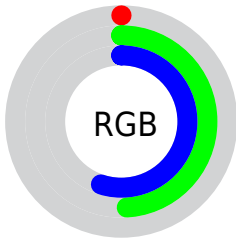
Format	Color
RYB	0, 66, 141
Decimal	32141
CIELab	47.74, -22.93, -16.92
CIELCh	48, 28.496, 216.436
Yxy	16.5909, 0.2149, 0.2937
Android (android.graphics.Color)	4278222221 (0xFF007D8D)
YUV	89.4490, 25.4146, -78.4468
Hunter-Lab	40.7312, -18.0716, -11.8991

Details

The HunterLab color **40.7312, -18.0716, -11.8991** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.5641, 38.1839, 15.8034**, and the grayscale version is **31.7051, -1.6917, 1.7226**.

A 20% lighter version of the original color is **61.3724, -21.8145, -12.4424**, and **24.3397, -9.7926, -9.2832** is the 20% darker color. If you saturate the color by 10%, you get **40.7311, -18.0712, -11.8998**, and if you desaturate by 10%, it is **41.3443, -18.2607, -10.9811**.

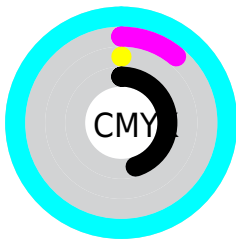
Distribution



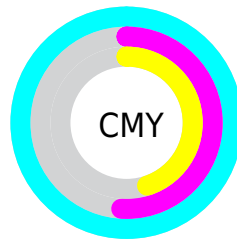
- Red (0%)
- Green (49%)
- Blue (55%)



- Red (0%)
- Yellow (26%)
- Blue (55%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7312, -18.0716, -11.8991 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 40.7312, -18.0716, -11.8991 by changing the saturation by 10% instead.

40.7312, -18.0716,
-11.8991

40.7312, -18.0716,
-11.8991

152.5791,
-34.0974, -11.7925

31.5329, -16.0484,
-11.6002

61.3360, -21.8718,
-12.2821

23.1546, -13.8953,
-11.2309

72.6446, -23.6912,
-12.3751

15.6869, -11.5443,
-10.8059

84.5736, -25.4747,
-12.4079

9.2569, -11.2862,
-10.4026

97.0924, -27.2309,
-12.3843

0.0000, NaN, -NF

0.0000, NaN, NaN

110.1743,
-28.9667, -12.3081

0.0000, NaN, NaN

123.7961,

0.0000, NaN, NaN

-30.6871, -12.1822

0.0000, NaN, NaN

137.9371,
-32.3963, -12.0095

■ 40.7312, -18.0716,
-11.8991

■ 40.7312, -18.0716,
-11.8991

■ 40.7311, -18.0712,
-11.8998

■ 41.3443, -18.2607,
-10.9811

■ 42.0288, -18.1758,
-9.9693

■ 42.8191, -17.6886,
-8.8176

■ 43.7229, -16.7766,
-7.5236

■ 44.7441, -15.4335,
-6.0909

■ 45.8845, -13.6654,
-4.5272

■ 47.1439, -11.4879,
-2.8432

■ 48.5204, -8.9240,
-1.0510

■ 50.0112, -6.0011,
0.8366

Harmonies

Analogous

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



40.7319, -21.4161, -0.1430



40.7312, -18.0716, -11.8991



40.7319, -10.4202, -21.3413

Triad

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



40.7319, -18.0715, -11.8985



40.7319, 19.4673, -6.8371



40.7319, -4.5579, 17.7557

Complementary

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



40.7312, -18.0716, -11.8991



24.5641, 38.1839, 15.8034

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.



40.7319, 6.7820, 16.8632



40.7312, -18.0716, -11.8991



40.7319, 21.4695, 4.4440

Square

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



40.7319, -18.0715, -11.8985



40.7319, 11.3983, -17.9109



40.7319, 16.6075, 12.5909



40.7319, -14.1759, 15.4793

Rectangle

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



40.7312, -18.0716, -11.8991



40.7319, -3.5036, -23.9373



40.7319, 16.6075, 12.5909



40.7319, -0.8302, 17.8048

Sweetspot

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



40.7319, -18.0715, -11.8985



62.9730, -15.5811, -3.9576



43.6831, -37.1958, 25.6965



29.4602, -7.8954, -2.2703



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



40.7319, -18.0715, -11.8985



54.3643, -24.0016, -16.1379



21.8900, 12.5945, -54.5453



24.5220, -2.8143, 0.4845



38.9120, -17.2795, -11.3352



4.0495, -1.9945, -0.7560

Inverse Universe

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



26.7281, 51.3083, -25.6721



35.7448, 68.5881, -34.0646



34.7827, 12.0157, 21.6423



23.4534, 1.5791, -0.4165



25.5242, 49.0059, -24.5519



2.5343, 4.9265, -2.9082

Previews

White Background



This preview shows how the HunterLab color 40.7312, -18.0716, -11.8991 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 40.7312, -18.0716, -11.8991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

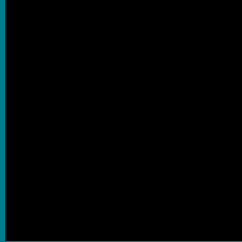
Any Text WCAG AA × Fail

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 40.7312, -18.0716, -11.8991 Background



This preview shows how black text looks on a background with the HunterLab color 40.7312, -18.0716, -11.8991.



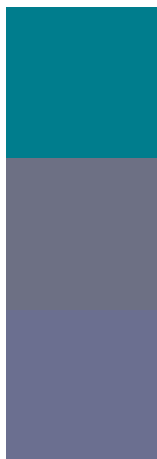
This preview shows how white text looks on a background with the HunterLab color 40.7312, -18.0716, -11.8991.

-18.0716, -11.8991.

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

40.7312, -18.0716, -11.8991

Protanopia

40.6270, 0.3684, -6.8173

Deuteranopia

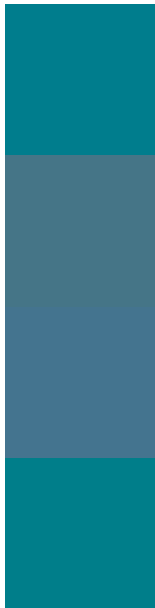
40.6304, 2.6240, -13.4210



Tritanopia

40.8648, -19.5124, -8.9557

Trichromacy



Original Color

40.7312, -18.0716, -11.8991

Protanomaly

39.6700, -10.0782, -9.9903

Deuteranomaly

39.6269, -8.1432, -14.6060

Tritanomaly

40.9349, -19.0986, -9.9368

Monochromacy



Original Color

40.7312, -18.0716, -11.8991

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.8457, -10.9972, -4.1900

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7312, -18.0716, -11.8991 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, 125, 141)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 141)  
}
```

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, 125, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7312, -18.0716, -11.8991 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, 125, 141) }
```


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

```
.border{ border-color:rgb(0, 125, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 141);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7312, -18.0716, -11.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 141) }
```

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

```
.background{ background-color: rgb(0, 125,  
141) }
```

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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