

Converting Colors

HunterLab(42.6414, -20.0123,
-10.0972)

Have a look what the booklet for
HunterLab(42.6414, -20.0123,
-10.0972) contains.

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Color

**HunterLab(42.6799,
-20.0096, -10.1511)**

Conversions

Conversions Part 1

Format	Color
Hex	00838F
RGB	0, 131, 143
RGB Percent	0%, 51%, 56%
CMY	0.9999, 0.4863, 0.4392
CMYK	1.00, 0.08, 0.00, 0.44
HSL	185°, 100%, 28%
HSV	185°, 100%, 56%
XYZ	13.0742, 18.2157, 28.8135
YIQ	93.1990, -81.9280, -24.0400

Conversions

Conversions Part 2

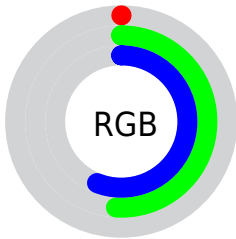
Format	Color
RYB	0, 68, 143
Decimal	33679
CIELab	49.76, -25.33, -15.03
CIELCh	50, 29.452, 210.682
Yxy	18.2164, 0.2175, 0.3031
Android (android.graphics.Color)	4278223759 (0xFF00838F)
YUV	93.1990, 24.5519, -81.7355
Hunter-Lab	42.6799, -20.0096, -10.1511

Details

The HunterLab color **42.6799, -20.0096, -10.1511** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.7047, 39.5670, 15.9141**, and the grayscale version is **33.0953, -1.7659, 1.7981**.

A 20% lighter version of the original color is **63.4378, -23.8878, -10.6977**, and **25.8364, -11.2343, -8.0415** is the 20% darker color. If you saturate the color by 10%, you get **42.6799, -20.0095, -10.1515**, and if you desaturate by 10%, it is **43.1700, -20.0467, -9.4404**.

Distribution



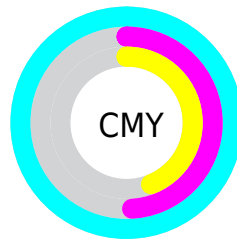
- Red (0%)
- Green (51%)
- Blue (56%)



- Red (0%)
- Yellow (27%)
- Blue (56%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.6799, -20.0096, -10.1511 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 42.6799, -20.0096, -10.1511 by changing the saturation by 10% instead.

■ 42.6799, -20.0096,
-10.1511

■ 42.6799, -20.0096,
-10.1511

■ 155.5918,
-37.0749, -9.3555

■ 33.3249, -17.8382,
-9.9351

■ 63.5655, -24.0803,
-10.3678

■ 24.7746, -15.5265,
-9.6433

■ 75.0019, -26.0242,
-10.3799

■ 17.1145, -13.0058,
-9.2780

■ 87.0522, -27.9263,
-10.3339

■ 10.4633, -11.3439,
-8.8705

■ 99.6866, -29.7960,
-10.2337

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 112.8792,
-31.6406, -10.0829

0.0000, NaN, NaN

■ 126.6073,

0.0000, NaN, NaN

-33.4658, -9.8845

0.0000, NaN, NaN

140.8509,
-35.2760, -9.6412

■ 42.6799, -20.0096,
-10.1511

■ 42.6799, -20.0096,
-10.1511

■ 42.6799, -20.0095,
-10.1515

■ 43.1700, -20.0467,
-9.4404

■ 43.7313, -19.8069,
-8.6323

■ 44.3984, -19.1619,
-7.6805

■ 45.1799, -18.0857,
-6.5799

■ 46.0810, -16.5684,
-5.3312

■ 47.1044, -14.6132,
-3.9398

■ 48.2509, -12.2337,
-2.4145

■ 49.5194, -9.4515,
-0.7662

■ 50.9077, -6.2937,
0.9930

Harmonies

Analogous

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



42.6807, -22.5870, 2.0669



42.6799, -20.0096, -10.1511



42.6807, -12.7798, -20.9603

Triad

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



42.6807, -20.0095, -10.1505



42.6807, 19.2391, -9.5854



42.6807, -2.5479, 18.7003

Complementary

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



42.6799, -20.0096, -10.1511



24.7047, 39.5670, 15.9141

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.



42.6807, 9.3454, 17.1253



42.6799, -20.0096, -10.1511



42.6807, 22.7182, 2.5780

Square

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



42.6807, -20.0095, -10.1505



42.6807, 9.8602, -20.5769



42.6807, 18.9200, 11.8920



42.6807, -13.1980, 16.9718

Rectangle

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



42.6799, -20.0096, -10.1511



42.6807, -5.8734, -24.7626



42.6807, 18.9200, 11.8920



42.6807, 1.4371, 18.5451

Sweetspot

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



42.6807, -20.0095, -10.1505



64.4655, -16.5949, -3.3689



44.3528, -37.8193, 26.2056



30.5859, -8.5482, -1.9906



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



42.6807, -20.0095, -10.1505



57.0082, -26.6438, -13.7390



22.7441, 11.6275, -53.5252



24.5764, -2.9013, 0.5488



40.1506, -18.8379, -9.5192



4.1097, -2.0678, -0.6731

Inverse Universe

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



27.3476, 52.8212, -28.7783



36.5790, 70.6314, -38.2913



34.7731, 13.3430, 21.6595



23.4592, 1.6099, -0.4980



25.7172, 49.6810, -27.0992



2.5441, 4.9605, -3.0355

Previews

White Background



This preview shows how the HunterLab color 42.6799, -20.0096, -10.1511 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 42.6799, -20.0096, -10.1511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

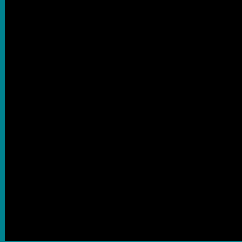
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.6799, -20.0096, -10.1511 Background



This preview shows how black text looks on a background with the HunterLab color 42.6799, -20.0096, -10.1511.



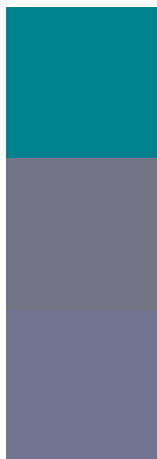
This preview shows how white text looks on a background with the HunterLab color 42.6799, -20.0096, -10.1511.

-20.0096, -10.1511.

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

42.6799, -20.0096, -10.1511

Protanopia

42.5308, 0.0026, -5.2345

Deuteranopia

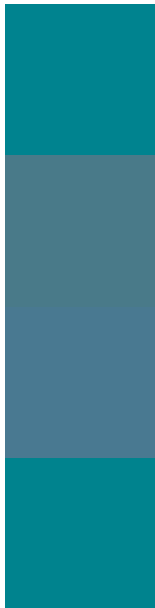
42.6743, 2.7191, -11.4392



Tritanopia

42.6446, -20.2182, -9.6567

Trichromacy



Original Color

42.6799, -20.0096, -10.1511

Protanomaly

41.4025, -11.1363, -8.5749

Deuteranomaly

41.3951, -9.0713, -13.0197

Tritanomaly

42.6446, -20.2182, -9.6567

Monochromacy



Original Color

42.6799, -20.0096, -10.1511

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

35.4865, -12.1497, -3.4728

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.6799, -20.0096, -10.1511 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, 131, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 143)  
}
```

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, 131, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 42.6799, -20.0096, -10.1511 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, 131, 143) }
```


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

```
.border{ border-color:rgb(0, 131, 143) }
```

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

Here you see how a box with a 4 pixel rgb(0, 131, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.6799, -20.0096, -10.1511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 143) }
```

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

```
.background{ background-color: rgb(0, 131,  
143) }
```

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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