

Converting Colors

HunterLab(47.4417, -18.8739,
-10.1555)

Have a look what the booklet for
HunterLab(47.4417, -18.8739,
-10.1555) contains.

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Color

**HunterLab(47.3815,
-18.7269, -10.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	338E9C
RGB	51, 142, 156
RGB Percent	20%, 56%, 61%
CMY	0.8000, 0.4431, 0.3882
CMYK	0.67, 0.09, 0.00, 0.39
HSL	188°, 51%, 41%
HSV	188°, 67%, 61%
XYZ	17.0390, 22.4501, 34.8877
YIQ	116.3870, -58.7300, -14.9380

Conversions

Conversions Part 2

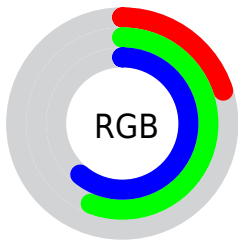
Format	Color
R_{YB}	51, 100, 156
Decimal	3378844
CIE _{Lab}	54.50, -21.96, -15.30
CIE _{LCh}	55, 26.763, 214.874
Yxy	22.4509, 0.2291, 0.3018
Android (android.graphics.Color)	4281568924 (0xFF338E9C)
YUV	116.3870, 19.5292, -57.3444
Hunter-Lab	47.3815, -18.7269, -10.4890

Details

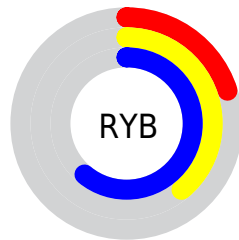
The HunterLab color **47.3815, -18.7269, -10.4890** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33.2989, 28.5604, 15.4408**, and the grayscale version is **41.8846, -2.2349, 2.2757**.

A 20% lighter version of the original color is **68.9293, -22.4067, -10.3645**, and **29.1583, -12.5159, -9.4272** is the 20% darker color. If you saturate the color by 10%, you get **46.3662, -19.2573, -11.9863**, and if you desaturate by 10%, it is **48.5295, -17.7104, -8.8333**.

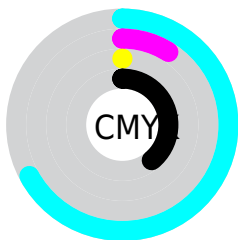
Distribution



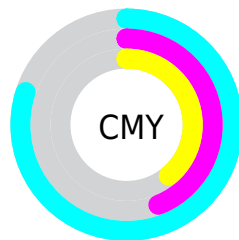
- Red (20%)
- Green (56%)
- Blue (61%)



- Red (20%)
- Yellow (39%)
- Blue (61%)



- Cyan (67%)
- Magenta (9%)
- Yellow (0%)
- Black (39%)



- Cyan (80%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3815, -18.7269, -10.4890 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 47.3815, -18.7269, -10.4890 by changing the saturation by 10% instead.

■ 47.3815, -18.7269,
-10.4890

■ 47.3815, -18.7269,
-10.4890

162.7550,
-34.1585, -9.5525

■ 37.6677, -16.8328,
-10.2978

■ 68.9131, -22.3327,
-10.6629

■ 28.7262, -14.8445,
-10.0325

■ 80.6448, -24.0751,
-10.6568

■ 20.6315, -12.7176,
-9.6917

■ 92.9757, -25.7907,
-10.5944

■ 13.4837, -10.3740,
-9.2899

■ 105.8779,
-27.4863, -10.4793

■ 7.0599, -12.3548,
-9.9111

■ 119.3273,
-29.1671, -10.3148

0.0000, NaN, -NF

0.0000, NaN, NaN

133.3023,

-30.8374, -10.1039

0.0000, NaN, NaN

147.7839,
-32.5003, -9.8490

0.0000, NaN, NaN

■ 47.3815, -18.7269,
-10.4890

■ 47.3815, -18.7269,
-10.4890

■ 46.3662, -19.2573,
-11.9863

■ 48.5295, -17.7104,
-8.8333

■ 45.4739, -19.3206,
-13.3265

■ 49.8108, -16.2061,
-7.0290

■ 44.6866, -18.9865,
-14.5282

■ 51.2269, -14.2259,
-5.0867

■ 44.4798, -18.8762,
-14.8476

■ 52.7765, -11.7917,
-3.0205

■ 54.4564, -8.9321,
-0.8452

■ 56.2627, -5.6800,
1.4241

■ 58.1902, -2.0701,
3.7730

■ 60.2337, 1.8626,
6.1883

■ 62.3874, 6.0844,
8.6581

Harmonies

Analogous

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



47.3824, -21.8904, 0.8303



47.3815, -18.7269, -10.4890



47.3824, -11.2162, -19.6018

Triad

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



47.3824, -18.7270, -10.4883



47.3824, 18.2726, -6.8269



47.3824, -4.3217, 18.6169

Complementary

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



47.3815, -18.7269, -10.4890



33.2989, 28.5604, 15.4408

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.



47.3824, 6.8292, 17.4674



47.3815, -18.7269, -10.4890



47.3824, 20.5429, 4.2638

Square

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



47.3824, -18.7270, -10.4883



47.3824, 10.2349, -17.1711



47.3824, 16.1835, 12.7380



47.3824, -14.0734, 16.3411

Rectangle

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



47.3815, -18.7269, -10.4890



47.3824, -4.4136, -22.2797



47.3824, 16.1835, 12.7380



47.3824, -0.6180, 18.6122

Sweetspot

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



47.3824, -18.7270, -10.4883



72.6719, -13.2878, -2.0599



49.8426, -36.5192, 24.4349



33.8121, -6.7075, -1.3249



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



47.3824, -18.7270, -10.4883



61.8300, -26.0737, -17.1371



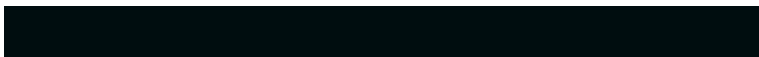
32.6036, 3.8744, -37.0393



27.1266, -3.0786, 0.4728



40.4135, -17.1894, -13.4064



5.7436, -2.7279, -1.2904

Inverse Universe

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



33.7479, 45.5469, -23.3686



42.0105, 71.1996, -35.3022



44.4307, 4.7053, 23.2801



25.9603, 1.7800, -0.4321



26.9648, 51.5522, -24.2361



3.6583, 7.0777, -3.9365

Previews

White Background



This preview shows how the HunterLab color 47.3815, -18.7269, -10.4890 looks on a white 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

Black Background



This preview shows how the HunterLab color 47.3815, -18.7269, -10.4890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

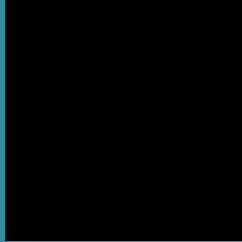
Any Text WCAG AA ✓ Pass

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 47.3815, -18.7269, -10.4890 Background



This preview shows how black text looks on a background with the HunterLab color 47.3815, -18.7269, -10.4890.



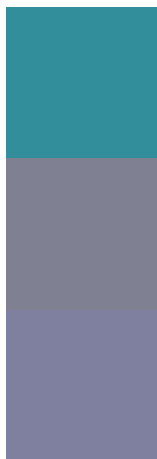
This preview shows how white text looks on a background with the HunterLab color 47.3815,

-18.7269, -10.4890.

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

47.3815, -18.7269, -10.4890

Protanopia

47.2431, -0.0468, -5.5325

Deuteranopia

47.1105, 3.1864, -12.1959



Tritanopia

47.2834, -19.2444, -9.5360

Trichromacy



Original Color

47.3815, -18.7269, -10.4890

Protanomaly

46.8026, -8.7706, -7.8667

Deuteranomaly

46.5014, -6.2623, -12.6996

Tritanomaly

47.3188, -19.0382, -10.0314

Monochromacy



Original Color

47.3815, -18.7269, -10.4890

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

43.1060, -9.8261, -3.1450

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3815, -18.7269, -10.4890 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(51, 142, 156)` looks like.

```
.text, #text, p{  
    color:rgb(51, 142, 156)  
}
```

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(51, 142, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 142, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3815, -18.7269, -10.4890 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(51, 142, 156) }
```


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

```
.border{ border-color:rgb(51, 142, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 142, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 142, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 142, 156);  
box-shadow:4px 4px 4px 4px rgb(51, 142,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3815, -18.7269, -10.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 142, 156) }
```

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

```
.background{ background-color: rgb(51, 142,  
156) }
```

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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