

Converting Colors

HunterLab(47.4656, -19.6577,
-0.6587)

Have a look what the booklet for
HunterLab(47.4656, -19.6577,
-0.6587) contains.

HunterLab(47.4656, -19.6577, -0.6587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(47.4656,
-19.6577, -0.6587)**

Conversions

Conversions Part 1

Format	Color
Hex	488E89
RGB	72, 142, 137
RGB Percent	28%, 56%, 54%
CMY	0.7176, 0.4431, 0.4627
CMYK	0.49, 0.00, 0.04, 0.44
HSL	176°, 33%, 42%
HSV	176°, 49%, 56%
XYZ	16.8608, 22.5298, 27.1269
YIQ	120.5000, -40.1150, -16.3950

Conversions

Conversions Part 2

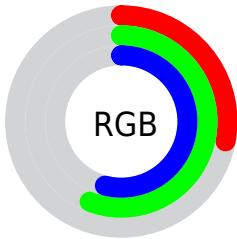
Format	Color
RYB	72, 108, 142
Decimal	4755081
CIELab	54.59, -23.30, -4.15
CIElCh	55, 23.669, 190.095
Yxy	22.5307, 0.2535, 0.3387
Android (android.graphics.Color)	4282945161 (0xFF488E89)
YUV	120.5000, 8.1345, -42.5345
Hunter-Lab	47.4656, -19.6577, -0.6587

Details

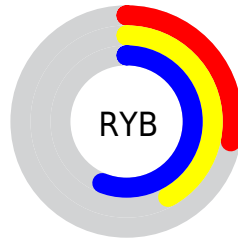
The HunterLab color $47.4656, -19.6577, -0.6587$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $33.0484, 22.1728, 8.1548$, and the grayscale version is $43.5139, -2.3218, 2.3642$.

A 20% lighter version of the original color is $69.0168, -23.4342, 0.2680$, and $28.6851, -15.5132, -1.2330$ is the 20% darker color. If you saturate the color by 10%, you get $46.9228, -21.8205, -0.8935$, and if you desaturate by 10%, it is $48.1355, -17.0489, -0.2616$.

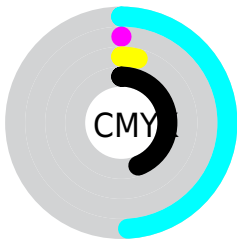
Distribution



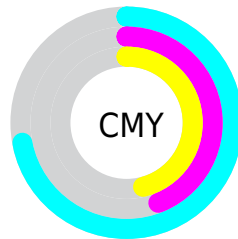
- Red (28%)
- Green (56%)
- Blue (54%)



- Red (28%)
- Yellow (42%)
- Blue (56%)



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4656, -19.6577, -0.6587 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 47.4656, -19.6577, -0.6587 by changing the saturation by 10% instead.

■ 47.4656, -19.6577,
-0.6587

■ 47.4656, -19.6577,
-0.6587

162.8820,
-35.6805, 4.0682

■ 37.7457, -17.6749,
-0.9655

■ 69.0084, -23.4218,
0.1111

■ 28.7974, -15.5882,
-1.2136

■ 80.7452, -25.2356,
0.5641

■ 20.6953, -13.3504,
-1.3934

■ 93.0810, -27.0186,
1.0583

■ 13.5391, -10.8775,
-1.4924

■ 105.9879,
-28.7782, 1.5910

■ 7.1250, -12.4688,
-2.0257

■ 119.4417,
-30.5201, 2.1601

0.0000, NaN, NaN

0.0000, NaN, NaN

133.4211,

-32.2489, 2.7638

0.0000, NaN, NaN

147.9069,
-33.9681, 3.4003

0.0000, NaN, NaN

■ 47.4656, -19.6577,
-0.6587

■ 47.4656, -19.6577,
-0.6587

■ 46.9228, -21.8205,
-0.8935

■ 48.1355, -17.0489,
-0.2616

■ 46.4994, -23.5381,
-0.9728

■ 48.9327, -14.0025,
0.2967

■ 46.1886, -24.8260,
-0.9051

■ 49.8593, -10.5382,
1.0142

■ 45.9803, -25.7149,
-0.7041

■ 50.9150, -6.6824,
1.8853

■ 45.8445, -26.3177,
-0.4103

■ 52.0979, -2.4667,
2.9021

■ 45.8353, -26.3587,
-0.3892

■ 53.4053, 2.0740,
4.0553

■ 54.8333, 6.9038,
5.3341

■ 56.3776, 11.9869,
6.7275

■ 58.0333, 17.2892,
8.2244

Harmonies

Analogous

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



47.4665, -18.9461, 8.2768



47.4656, -19.6577, -0.6587



47.4665, -16.0743, -10.4339

Triad

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



47.4665, -19.6581, -0.6580



47.4665, 10.1863, -13.2292



47.4665, 4.0348, 16.5078

Complementary

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



47.4656, -19.6577, -0.6587



33.0484, 22.1728, 8.1548

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.



47.4665, 12.7151, 12.7166



47.4656, -19.6577, -0.6587



47.4665, 16.4609, -3.9155

Square

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



47.4665, -19.6581, -0.6580



47.4665, 0.8041, -18.6041



47.4665, 17.4221, 5.6119



47.4665, -5.7848, 17.0307

Rectangle

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



47.4656, -19.6577, -0.6587



47.4665, -11.5470, -15.6744



47.4665, 17.4221, 5.6119



47.4665, 7.2034, 15.6161

Sweetspot

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



47.4665, -19.6581, -0.6580



66.7466, -12.0146, 1.7835



46.2898, -27.1305, 20.1952



31.4253, -6.1162, 0.7454



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.



47.4665, -19.6581, -0.6580



62.2504, -29.2131, -1.2050



38.8646, -6.2748, -15.2038



24.7180, -3.2216, 0.9201



43.4317, -24.9680, -0.3872



4.2619, -2.3506, -0.2527

Inverse Universe

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



33.0484, 22.1728, 8.1548



39.7938, 36.9763, 12.9703



39.4451, 7.8811, 15.2278



23.3022, 0.7666, 1.7362



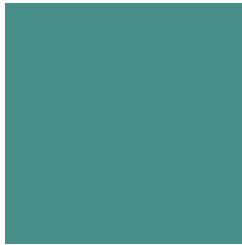
22.7695, 39.0864, 13.9927



2.2486, 3.9041, 1.0401

Previews

White Background



This preview shows how the HunterLab color 47.4656, -19.6577, -0.6587 looks on a white background.

Color Contrast Check

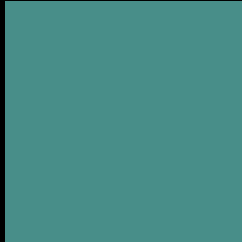
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4656, -19.6577, -0.6587 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 47.4656, -19.6577, -0.6587 Background



This preview shows how black text looks on a background with the HunterLab color 47.4656, -19.6577, -0.6587.



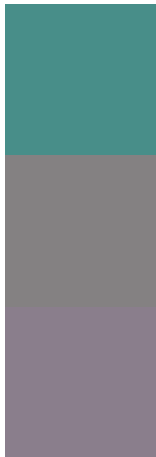
This preview shows how white text looks on a background with the HunterLab color 47.4656,

-19.6577, -0.6587.

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

47.4656, -19.6577, -0.6587

Protanopia

47.1357, -1.4651, 2.4544

Deuteranopia

47.1364, 3.3814, -2.1037



Tritanopia

47.5061, -15.4100, -7.5373

Trichromacy



Original Color

47.4656, -19.6577, -0.6587

Protanomaly

46.9666, -9.2619, 0.7658

Deuteranomaly

46.8444, -6.3362, -2.1612

Tritanomaly

47.5615, -17.1234, -4.8928

Monochromacy



Original Color

47.4656, -19.6577, -0.6587

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.8513, -9.7402, 0.9242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4656, -19.6577, -0.6587 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(72, 142, 137)` looks like.

```
.text, #text, p{  
    color:rgb(72, 142, 137)  
}
```

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(72, 142, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 142, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4656, -19.6577, -0.6587 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(72, 142, 137) }
```


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

```
.border{ border-color:rgb(72, 142, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 142, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 142, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 142, 137);  
box-shadow:4px 4px 4px 4px rgb(72, 142,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4656, -19.6577, -0.6587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 142, 137) }
```

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

```
.background{ background-color: rgb(72, 142,  
137) }
```

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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