

Converting Colors

HunterLab(48.0481, -19.1404,
-2.6720)

Have a look what the booklet for
HunterLab(48.0481, -19.1404,
-2.6720) contains.

HunterLab(47.9644, -18.9866, -2.8997)	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(47.9644,
-18.9866, -2.8997)**

Conversions

Conversions Part 1

Format	Color
Hex	488F8F
RGB	72, 143, 143
RGB Percent	28%, 56%, 56%
CMY	0.7176, 0.4392, 0.4392
CMYK	0.50, 0.00, 0.00, 0.44
HSL	180°, 33%, 42%
HSV	180°, 50%, 56%
XYZ	17.4529, 23.0058, 29.5074
YIQ	121.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

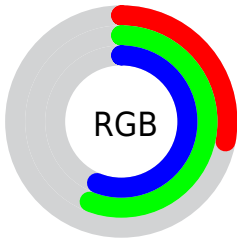
Format	Color
R_{YB}	72, 108, 143
Decimal	4755343
CIE _{Lab}	55.08, -22.18, -6.88
CIE _{LCh}	55, 23.221, 197.224
Yxy	23.0067, 0.2495, 0.3288
Android (android.graphics.Color)	4282945423 (0xFF488F8F)
YUV	121.7710, 10.4659, -43.6492
Hunter-Lab	47.9644, -18.9866, -2.8997

Details

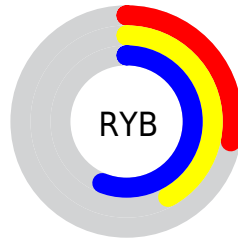
The HunterLab color $47.9644, -18.9866, -2.8997$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $33.0801, 22.0544, 9.7800$, and the grayscale version is $43.9998, -2.3477, 2.3906$.

A 20% lighter version of the original color is $69.5696, -22.5836, -2.5450$, and $29.1261, -14.9471, -3.3951$ is the 20% darker color. If you saturate the color by 10%, you get $47.4548, -20.9494, -3.5934$, and if you desaturate by 10%, it is $48.6022, -16.5710, -2.0435$.

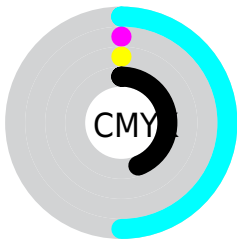
Distribution



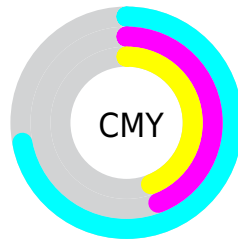
- Red (28%)
- Green (56%)
- Blue (56%)



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



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9644, -18.9866, -2.8997 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 47.9644, -18.9866, -2.8997 by changing the saturation by 10% instead.

47.9644, -18.9866,
-2.8997

47.9644, -18.9866,
-2.8997

163.6336,
-34.5046, 0.8651

38.2080, -17.0826,
-3.0740

69.5733, -22.6132,
-2.3749

29.2200, -15.0843,
-3.1817

81.3404, -24.3656,
-2.0362

21.0740, -12.9487,
-3.2123

93.7049, -26.0910,
-1.6516

13.8682, -10.5992,
-3.1527

106.6394,
-27.7962, -1.2243

7.4987, -13.1227,
-3.4386

120.1196,
-29.4864, -0.7569

0.0000, NaN, NaN

0.0000, NaN, NaN

134.1244,

-31.1658, -0.2516

0.0000, NaN, NaN

148.6347,
-32.8377, 0.2896

0.0000, NaN, NaN

■ 47.9644, -18.9866,
-2.8997

■ 47.9644, -18.9866,
-2.8997

■ 47.4548, -20.9494,
-3.5934

■ 48.6022, -16.5710,
-2.0435

■ 47.0651, -22.4631,
-4.1288

■ 49.3688, -13.7085,
-1.0289

■ 46.7884, -23.5462,
-4.5116

■ 50.2665, -10.4163,
0.1392

■ 46.6141, -24.2324,
-4.7540

■ 51.2953, -6.7192,
1.4524

■ 46.5103, -24.6425,
-4.8988

■ 52.4535, -2.6476,
2.9005

■ 46.5068, -24.6563,
-4.9037

■ 53.7385, 1.7642,
4.4719

■ 55.1466, 6.4805,
6.1541

■ 56.6735, 11.4653,
7.9349

■ 58.3144, 16.6837,
9.8023

Harmonies

Analogous

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



47.9653, -19.3062, 6.3426



47.9644, -18.9866, -2.8997



47.9653, -14.4925, -12.1893

Triad

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



47.9653, -18.9869, -2.8990



47.9653, 11.7895, -10.9474



47.9653, 1.5990, 16.8002

Complementary

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



47.9644, -18.9866, -2.8997



33.0801, 22.0544, 9.7800

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.



47.9653, 10.6624, 13.8172



47.9644, -18.9866, -2.8997



47.9653, 16.8501, -1.4470

Square

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



47.9653, -18.9869, -2.8990



47.9653, 3.0410, -17.4279



47.9653, 16.4221, 7.5359



47.9653, -7.9188, 16.5641

Rectangle

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



47.9644, -18.9866, -2.8997



47.9653, -9.5170, -16.6189



47.9653, 16.4221, 7.5359



47.9653, 4.8136, 16.1699

Sweetspot

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



47.9653, -18.9869, -2.8990



67.8416, -11.8602, 0.9245



46.4084, -28.3111, 20.2677



32.3656, -6.1199, 0.2863



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.



47.9653, -18.9869, -2.8990



63.4087, -28.4028, -4.9390



37.7247, -4.1942, -17.6711



24.7312, -3.1478, 0.7310



43.7301, -23.1842, -4.6109



4.2759, -2.2669, -0.4509

Inverse Universe

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



33.0801, 22.0544, 9.7800



39.8971, 37.6344, 15.4938



40.8434, 5.8135, 16.3687



23.2897, 0.6987, 1.9160



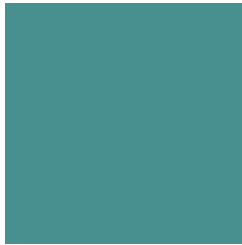
22.7230, 38.9139, 14.6829



2.2218, 3.8050, 1.4356

Previews

White Background



This preview shows how the HunterLab color 47.9644, -18.9866, -2.8997 looks on a white background.

Color Contrast Check

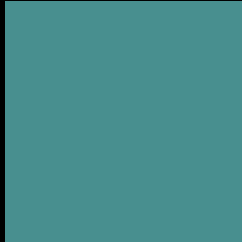
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9644, -18.9866, -2.8997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

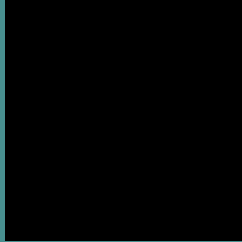
Any Text WCAG AA ✓ Pass

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 47.9644, -18.9866, -2.8997 Background



This preview shows how black text looks on a background with the HunterLab color 47.9644, -18.9866, -2.8997.



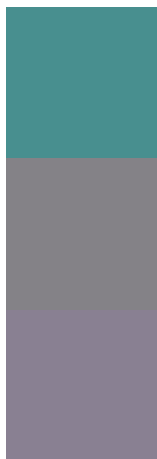
This preview shows how white text looks on a background with the HunterLab color 47.9644,

-18.9866, -2.8997.

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

47.9644, -18.9866, -2.8997

Protanopia

47.5606, -1.1447, 0.7119

Deuteranopia

47.7829, 3.1367, -4.2446



Tritanopia

47.7970, -15.7645, -8.2073

Trichromacy



Original Color

47.9644, -18.9866, -2.8997

Protanomaly

47.4109, -8.8678, -1.0102

Deuteranomaly

47.2547, -5.9828, -4.5973

Tritanomaly

47.9289, -17.1297, -5.9401

Monochromacy



Original Color

47.9644, -18.9866, -2.8997

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

45.2990, -9.4448, 0.1058

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9644, -18.9866, -2.8997 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, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(72, 143, 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(72, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 143, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9644, -18.9866, -2.8997 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, 143, 143) }
```


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

```
.border{ border-color:rgb(72, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(72, 143,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9644, -18.9866, -2.8997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 143, 143) }
```

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

```
.background{ background-color: rgb(72, 143,  
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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