

Converting Colors

HunterLab(47.8851, -16.8174,
-18.6923)

Have a look what the booklet for
HunterLab(47.8851, -16.8174,
-18.6923) contains.

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Color

**HunterLab(47.9555,
-17.0248, -18.3825)**

Conversions

Conversions Part 1

Format	Color
Hex	268FAB
RGB	38, 143, 171
RGB Percent	15%, 56%, 67%
CMY	0.8509, 0.4392, 0.3294
CMYK	0.78, 0.16, 0.00, 0.33
HSL	193°, 64%, 41%
HSV	193°, 78%, 67%
XYZ	17.9725, 22.9973, 42.0198
YIQ	114.7970, -71.5680, -13.5520

Conversions

Conversions Part 2

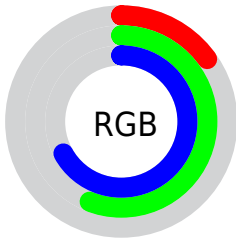
Format	Color
R_{YB}	38, 97, 171
Decimal	2527147
CIE _{Lab}	55.07, -19.35, -23.08
CIE _{LCh}	55, 30.115, 230.022
Yxy	22.9981, 0.2166, 0.2771
Android (android.graphics.Color)	4280717227 (0xFF268FAB)
YUV	114.7970, 27.7081, -67.3510
Hunter-Lab	47.9555, -17.0248, -18.3825

Details

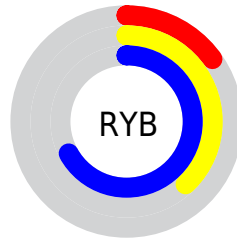
The HunterLab color **47.9555, -17.0248, -18.3825** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **35.6310, 33.2989, 19.4857**, and the grayscale version is **41.2455, -2.2008, 2.2409**.

A 20% lighter version of the original color is **69.5893, -20.4121, -18.7793**, and **29.9770, -9.8434, -16.2196** is the 20% darker color. If you saturate the color by 10%, you get **46.5624, -16.5089, -20.6576**, and if you desaturate by 10%, it is **49.4971, -17.0030, -15.9492**.

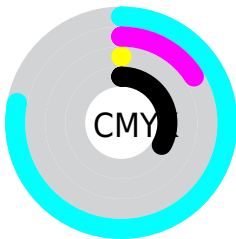
Distribution



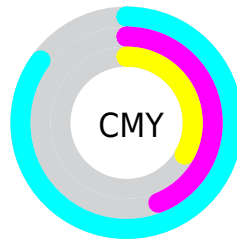
- Red (15%)
- Green (56%)
- Blue (67%)



- Red (15%)
- Yellow (38%)
- Blue (67%)



- Cyan (78%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (85%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9555, -17.0248, -18.3825 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 47.9555, -17.0248, -18.3825 by changing the saturation by 10% instead.

■ 47.9555, -17.0248,
-18.3825

■ 47.9555, -17.0248,
-18.3825

163.6201,
-31.3069, -19.6744

■ 38.1996, -15.3064,
-17.9479

■ 69.5631, -20.3207,
-19.0660

■ 29.2124, -13.5137,
-17.4625

■ 81.3297, -21.9240,
-19.3159

■ 21.0672, -11.6104,
-16.9538

■ 93.6937, -23.5085,
-19.5071

■ 13.8622, -9.5319,
-16.5079

■ 106.6277,
-25.0797, -19.6422

■ 7.4922, -11.6532,
-17.3348

■ 120.1075,
-26.6422, -19.7239

0.0000, NaN, -NF

0.0000, NaN, NaN

134.1118,

-28.1992, -19.7550

0.0000, NaN, NaN

148.6217,
-29.7534, -19.7377

0.0000, NaN, NaN

■ 47.9555, -17.0248,
-18.3825

■ 47.9555, -17.0248,
-18.3825

■ 46.5624, -16.5089,
-20.6576

■ 49.4971, -17.0030,
-15.9492

■ 45.2962, -15.5280,
-22.7922

■ 51.1893, -16.4310,
-13.3707

■ 45.0201, -15.2887,
-23.2674

■ 53.0336, -15.3163,
-10.6628

■ 55.0274, -13.6811,
-7.8449

■ 57.1663, -11.5567,
-4.9366

■ 59.4444, -8.9797,
-1.9564

■ 61.8551, -5.9894,
1.0792

■ 64.3916, -2.6248,
4.1558

■ 67.0467, 1.0762,
7.2615

Harmonies

Analogous

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



47.9564, -23.0878, -5.8809



47.9555, -17.0248, -18.3825



47.9564, -6.6484, -25.7504

Triad

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



47.9564, -17.0247, -18.3817



47.9564, 23.4324, -1.5153



47.9564, -10.5035, 19.4856

Complementary

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



47.9555, -17.0248, -18.3825



35.6310, 33.2989, 19.4857

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.



47.9564, 1.6673, 20.0886



47.9555, -17.0248, -18.3825



47.9564, 22.1296, 9.7864

Square

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



47.9564, -17.0247, -18.3817



47.9564, 17.2457, -14.4924



47.9564, 13.8493, 17.0143



47.9564, -19.5982, 15.0819

Rectangle

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



47.9555, -17.0248, -18.3825



47.9564, 1.6863, -25.7456



47.9564, 13.8493, 17.0143



47.9564, -6.6663, 20.0868

Sweetspot

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



47.9564, -17.0247, -18.3817



77.8113, -14.0320, -4.8761



54.6952, -42.5022, 27.6018



36.2450, -7.1771, -2.9630



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



47.9564, -17.0247, -18.3817



61.1368, -21.2296, -29.6169



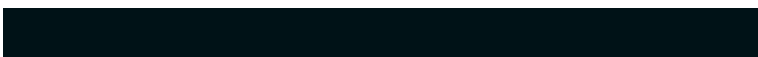
29.6451, 13.5621, -58.5523



29.6336, -3.1217, 0.2931



39.1876, -13.4107, -20.0312



7.0577, -2.9330, -2.4901

Inverse Universe

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



34.6817, 54.8340, -22.0960



43.6963, 80.1266, -29.1173



50.0586, 2.5241, 28.7170



28.4934, 1.9057, -0.2382



28.0238, 52.7249, -18.5841



4.7500, 9.0621, -4.1209

Previews

White Background



This preview shows how the HunterLab color 47.9555, -17.0248, -18.3825 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 47.9555, -17.0248, -18.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

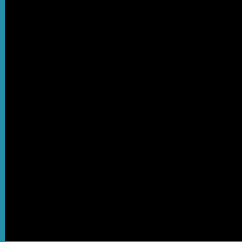
Any Text WCAG AA ✓ Pass

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 47.9555, -17.0248, -18.3825 Background



This preview shows how black text looks on a background with the HunterLab color 47.9555, -17.0248, -18.3825.



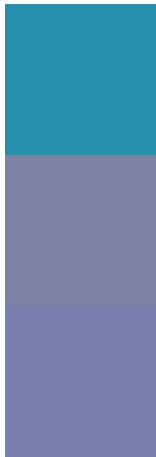
This preview shows how white text looks on a background with the HunterLab color 47.9555, -17.0248, -18.3825.

-17.0248, -18.3825.

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

47.9555, -17.0248, -18.3825

Protanopia

47.7740, 1.3144, -12.3849

Deuteranopia

47.6965, 3.4897, -20.3264



Tritanopia

47.8197, -21.8529, -10.4658

Trichromacy



Original Color

47.9555, -17.0248, -18.3825

Protanomaly

47.2987, -7.4094, -15.6064

Deuteranomaly

47.1603, -5.7551, -20.7444

Tritanomaly

47.7515, -20.1155, -13.3701

Monochromacy



Original Color

47.9555, -17.0248, -18.3825

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

42.9450, -10.1578, -5.3610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9555, -17.0248, -18.3825 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(38, 143, 171)` looks like.

```
.text, #text, p{  
    color:rgb(38, 143, 171)  
}
```

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(38, 143, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 143, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9555, -17.0248, -18.3825 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(38, 143, 171) }
```


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

```
.border{ border-color:rgb(38, 143, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 143, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 143, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 143, 171);  
box-shadow:4px 4px 4px 4px rgb(38, 143,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9555, -17.0248, -18.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 143, 171) }
```

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

```
.background{ background-color: rgb(38, 143,  
171) }
```

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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