

Converting Colors

HunterLab(47.7995, 17.2697,
-17.9027)

Have a look what the booklet for
HunterLab(47.7995, 17.2697,
-17.9027) contains.

HunterLab(47.8605, 17.2579, -17.9354)	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(47.8605, 17.2579,
-17.9354)**

Conversions

Conversions Part 1

Format	Color
Hex	9977AB
RGB	153, 119, 171
RGB Percent	60%, 47%, 67%
CMY	0.4000, 0.5333, 0.3294
CMYK	0.11, 0.30, 0.00, 0.33
HSL	279°, 24%, 57%
HSV	279°, 30%, 67%
XYZ	27.0844, 22.9063, 41.5220
YIQ	135.0940, 3.5720, 23.3800

Conversions

Conversions Part 2

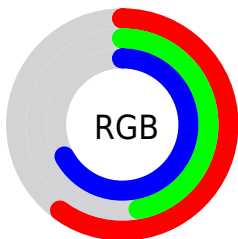
Format	Color
R_{YB}	153, 119, 171
Decimal	10057643
CIE _{Lab}	54.98, 23.10, -22.66
CIE _{LCh}	55, 32.356, 315.544
Yxy	22.9072, 0.2960, 0.2503
Android (android.graphics.Color)	4288247723 (0xFF9977AB)
YUV	135.0940, 17.7017, 15.7036
Hunter-Lab	47.8605, 17.2579, -17.9354

Details

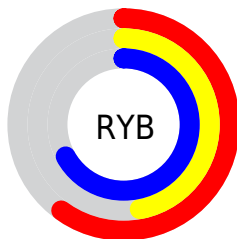
The HunterLab color $47.8605, 17.2579, -17.9354$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59.8136, -20.4876, 19.1971$, and the grayscale version is $49.1914, -2.6247, 2.6727$.

A 20% lighter version of the original color is $69.5744, 18.0506, -18.1283$, and $29.1186, 15.7794, -17.3175$ is the 20% darker color. If you saturate the color by 10%, you get $43.1680, 24.2754, -25.8929$, and if you desaturate by 10%, it is $52.8589, 10.3304, -10.4638$.

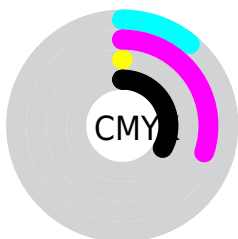
Distribution



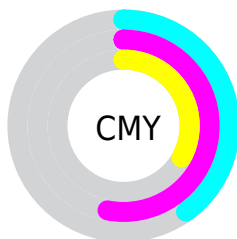
- Red (60%)
- Green (47%)
- Blue (67%)



- Red (60%)
- Yellow (47%)
- Blue (67%)



- Cyan (11%)
- Magenta (30%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8605, 17.2579, -17.9354 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 47.8605, 17.2579, -17.9354 by changing the saturation by 10% instead.

■ 47.8605, 17.2579,
-17.9354

■ 47.8605, 17.2579,
-17.9354

163.4773, 19.8957,
-19.1195

■ 38.1117, 16.5513,
-17.5108

■ 69.4557, 18.3609,
-18.5952

■ 29.1320, 15.7246,
-17.0339

■ 81.2166, 18.7814,
-18.8330

■ 20.9951, 14.7584,
-16.5298

■ 93.5751, 19.1254,
-19.0120

■ 13.7996, 13.6345,
-16.0802

106.5039, 19.3995,
-19.1349

■ 7.4226, 13.7551,
-16.9370

119.9786, 19.6092,
-19.2046

0.0000, INF, -NF

0.0000, NaN, NaN

133.9781, 19.7593,

-19.2236

0.0000, NaN, NaN

148.4833, 19.8536,
-19.1945

0.0000, NaN, NaN

■ 47.8605, 17.2579,
-17.9354

■ 47.8605, 17.2579,
-17.9354

■ 43.1680, 24.2754,
-25.8929

■ 52.8589, 10.3304,
-10.4638

■ 38.8374, 31.2920,
-34.3392

■ 58.1134, 3.5313,
-3.4375

■ 34.9426, 38.1107,
-43.1757

■ 63.5883, -3.1359,
3.2038

■ 31.5690, 44.3825,
-52.1310

■ 69.2546, -9.6816,
9.5200

■ 28.8046, 49.5803,
-60.6879

■ 75.0893, -16.1217,
15.5656

■ 26.7181, 53.0796,
-68.1053

■ 81.0740, -22.4735,
21.3878

■ 25.2437, 54.8780,
-73.9761

■ 87.1936, -28.7536,
27.0263

■ 93.1605, -34.6070,
32.2786

■ 93.6064, -32.9185,
32.6997

Harmonies

Analogous

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



47.8615, 4.5453, -27.5322



47.8605, 17.2579, -17.9354



47.8615, 25.0340, -3.9257

Triad

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



47.8615, 17.2568, -17.9342



47.8615, 4.0466, 20.7800



47.8615, -24.9346, -4.4388

Complementary

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



47.8605, 17.2579, -17.9354



59.8136, -20.4876, 19.1971

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.



47.8615, -25.0367, 8.3285



47.8605, 17.2579, -17.9354



47.8615, -9.2666, 20.7132

Square

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



47.8615, 17.2568, -17.9342



47.8615, 16.8572, 17.0052



47.8615, -19.5929, 16.7876



47.8615, -19.2968, -18.3978

Rectangle

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



47.8605, 17.2579, -17.9354



47.8615, 25.8811, 4.9130



47.8615, -19.5929, 16.7876



47.8615, -25.5950, 0.1765

Sweetspot

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



47.8615, 17.2568, -17.9342



78.6702, 3.6024, -3.4641



49.8111, -1.4029, -15.1915



36.6675, 2.3049, -2.2466



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.



47.8615, 17.2568, -17.9342



60.0862, 28.9358, -30.5562



49.5016, 21.6260, -10.7341



28.2970, 1.3476, -1.2983



21.9861, 47.7331, -63.9411



4.0406, 8.4457, -9.2182

Inverse Universe

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



48.6402, 17.2948, 1.4247



61.4292, 28.9826, 1.8308



58.8009, -24.0070, 15.6347



28.3891, 1.3457, 1.2461



26.0297, 45.5319, 9.4151



4.4607, 8.0294, -0.1430

Previews

White Background



This preview shows how the HunterLab color 47.8605, 17.2579, -17.9354 looks on a white background.

Color Contrast Check

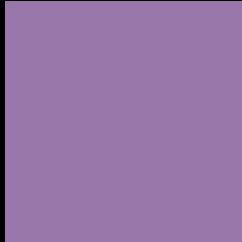
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8605, 17.2579, -17.9354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

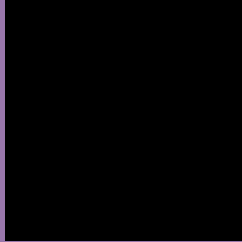
Any Text WCAG AA ✓ Pass

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 47.8605, 17.2579, -17.9354 Background



This preview shows how black text looks on a background with the HunterLab color 47.8605, 17.2579, -17.9354.



This preview shows how white text looks on a background with the HunterLab color 47.8605, 17.2579, -17.9354.

-17.9354.

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

47.8605, 17.2579, -17.9354

Protanopia

47.9602, 3.3668, -23.1108

Deuteranopia

47.8801, 3.7042, -16.9127



Tritanopia

47.9533, 5.8562, 0.8519

Trichromacy



Original Color

47.8605, 17.2579, -17.9354

Protanomaly

47.7516, 8.0303, -21.4344

Deuteranomaly

47.6659, 8.6358, -17.7818

Tritanomaly

47.7702, 10.1376, -5.6774

Monochromacy



Original Color

47.8605, 17.2579, -17.9354

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

48.5689, 4.4984, -4.1947

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8605, 17.2579, -17.9354 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(153, 119, 171)` looks like.

```
.text, #text, p{  
    color:rgb(153, 119, 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(153, 119, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 119, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8605, 17.2579, -17.9354 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(153, 119, 171) }
```


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

```
.border{ border-color:rgb(153, 119, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 119, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 119, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 119, 171);  
box-shadow:4px 4px 4px 4px rgb(153, 119,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8605, 17.2579, -17.9354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 119, 171) }
```

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

```
.background{ background-color: rgb(153,  
119, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor