

Converting Colors

HunterLab(51.0279, 44.2989,
-18.0495)

Have a look what the booklet for
HunterLab(51.0279, 44.2989,
-18.0495) contains.

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Color

**HunterLab(51.0228, 43.9667,
-17.9667)**

Conversions

Conversions Part 1

Format	Color
Hex	CC68B4
RGB	204, 104, 180
RGB Percent	80%, 41%, 71%
CMY	0.2000, 0.5921, 0.2941
CMYK	0.00, 0.49, 0.12, 0.20
HSL	314°, 50%, 60%
HSV	314°, 49%, 80%
XYZ	38.0903, 26.0333, 46.1973
YIQ	142.5640, 35.2040, 44.8360

Conversions

Conversions Part 2

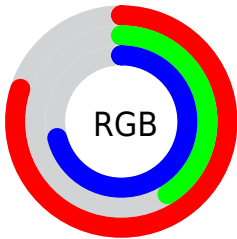
Format	Color
RYB	204, 104, 180
Decimal	13396148
CIELab	58.07, 49.37, -22.58
CIELCh	58, 54.289, 335.424
Yxy	26.0345, 0.3453, 0.2360
Android (android.graphics.Color)	4291586228 (0xFFCC68B4)
YUV	142.5640, 18.4559, 53.8794
Hunter-Lab	51.0228, 43.9667, -17.9667

Details

The HunterLab color $51.0228, 43.9667, -17.9667$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $69.0566, -40.2041, 24.3131$, and the grayscale version is $52.1548, -2.7828, 2.8337$.

A 20% lighter version of the original color is $71.9513, 44.2891, -20.2811$, and $31.9310, 40.4248, -16.8990$ is the 20% darker color. If you saturate the color by 10%, you get $47.1341, 53.0541, -21.1121$, and if you desaturate by 10%, it is $55.5455, 34.2523, -14.1057$.

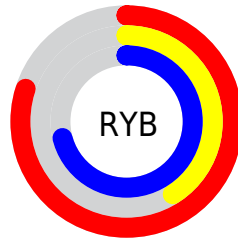
Distribution



Red (80%)

Green (41%)

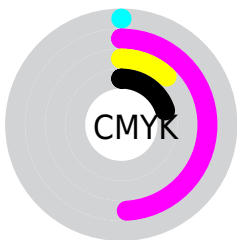
Blue (71%)



Red (80%)

Yellow (41%)

Blue (71%)

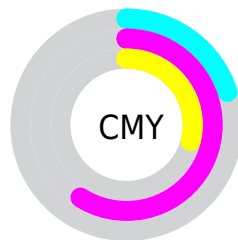


Cyan (0%)

Magenta (49%)

Yellow (12%)

Black (20%)



Cyan (20%)

Magenta (59%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0228, 43.9667, -17.9667 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 51.0228, 43.9667, -17.9667 by changing the saturation by 10% instead.

51.0228, 43.9667,
-17.9667

51.0228, 43.9667,
-17.9667

168.2116, 55.0550,
-18.9776

41.0481, 42.2329,
-17.5627

73.0278, 47.0914,
-18.5827

31.8233, 40.3939,
-17.1026

84.9767, 48.4951,
-18.7995

23.4166, 38.4747,
-16.6034

97.5144, 49.8004,
-18.9583

15.9172, 36.5691,
-16.1212

110.6145, 51.0136,
-19.0619

9.4519, 35.0101,
-15.8468

124.2537, 52.1405,
-19.1131

0.0000, INF, -NF

0.0000, NaN, -NF

138.4115, 53.1865,

-19.1146

0.0000, NaN, NaN

153.0697, 54.1566,
-19.0687

0.0000, NaN, NaN

■ 51.0228, 43.9667,
-17.9667

■ 51.0228, 43.9667,
-17.9667

■ 47.1341, 53.0541,
-21.1121

■ 55.5455, 34.2523,
-14.1057

■ 43.9607, 60.9873,
-23.2748

■ 60.6115, 24.3027,
-9.7632

■ 41.5681, 67.1544,
-24.1964


■ 66.1423, 14.3553,
-5.1082


■ 39.9744, 71.0533,
-23.7350


■ 72.0695, 4.5405,
-0.2571

■ 39.0705, 72.7248,
-22.0580


■ 78.3362, -5.0829,
4.7144

 38.9940, 72.8505,
-21.8731

 84.8960, -14.4988,
9.7594

 91.7112, -23.7141,
14.8495

 94.5944, -26.9006,
15.7382

 94.7327, -26.1111,
13.7502

Harmonies

Analogous

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



51.0240, 25.4762, -44.6824



51.0228, 43.9667, -17.9667



51.0240, 49.0989, 6.5905

Triad

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



51.0240, 43.9644, -17.9652



51.0240, -6.8324, 29.3958



51.0240, -33.9547, -28.0634

Complementary

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



51.0228, 43.9667, -17.9667



69.0566, -40.2041, 24.3131

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.



51.0240, -39.6655, -1.3548



51.0228, 43.9667, -17.9667



51.0240, -25.8812, 26.5203

Square

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



51.0240, 43.9644, -17.9652



51.0240, 16.9707, 28.1142



51.0240, -36.9946, 17.3419



51.0240, -19.8234, -52.0972

Rectangle

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



51.0228, 43.9667, -17.9667



51.0240, 43.5969, 17.7207



51.0240, -36.9946, 17.3419



51.0240, -36.7972, -18.7485

Sweetspot

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



51.0240, 43.9644, -17.9652



87.9771, 13.6209, -4.2114



43.3582, 25.6153, -50.9528



39.9589, 7.5546, -2.5610

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.0240, 43.9644, -17.9652



60.3162, 69.1036, -27.4268



49.3649, 36.2902, 5.4041



33.6985, 2.3026, -0.2079



30.9605, 57.8834, -17.6881



7.1126, 13.4325, -5.1094

Inverse Universe

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



51.0240, 43.9644, -17.9652



60.3162, 69.1036, -27.4268



70.2262, -33.2423, 7.4255



33.6985, 2.3026, -0.2079



30.9605, 57.8834, -17.6881



7.1126, 13.4325, -5.1094

Previews

White Background



This preview shows how the HunterLab color 51.0228, 43.9667, -17.9667 looks on a white background.

Color Contrast Check

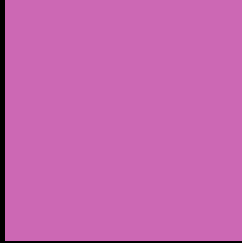
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.0228, 43.9667, -17.9667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

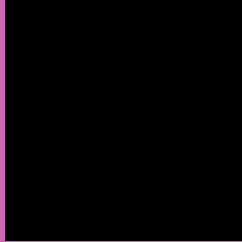
Any Text WCAG AA ✓ Pass

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 51.0228, 43.9667, -17.9667 Background



This preview shows how black text looks on a background with the HunterLab color 51.0228, 43.9667, -17.9667.



This preview shows how white text looks on a background with the HunterLab color 51.0228, 43.9667, -17.9667.

-17.9667.

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

51.0228, 43.9667, -17.9667

Protanopia

51.3956, 5.7931, -35.5905

Deuteranopia

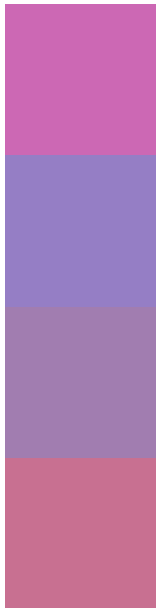
51.1679, 3.7355, -14.8060



Tritanopia

50.9679, 27.2048, 9.3124

Trichromacy



Original Color

51.0228, 43.9667, -17.9667

Protanomaly

50.3413, 18.0401, -30.8773

Deuteranomaly

50.3775, 17.6694, -16.9893

Tritanomaly

50.9039, 32.6832, 0.7376

Monochromacy



Original Color

51.0228, 43.9667, -17.9667

Achromatopsia

52.4097, -2.7964, 2.8475

Achromatomaly

51.0883, 13.2060, -4.7903

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0228, 43.9667, -17.9667 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(204, 104, 180)` looks like.

```
.text, #text, p{  
    color:rgb(204, 104, 180)  
}
```

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(204, 104, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 104, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0228, 43.9667, -17.9667 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(204, 104, 180) }
```


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

```
.border{ border-color:rgb(204, 104, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 104, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 104, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 104, 180);  
box-shadow:4px 4px 4px 4px rgb(204, 104,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0228, 43.9667, -17.9667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 104, 180) }
```

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

```
.background{ background-color: rgb(204,  
104, 180) }
```

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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