

Converting Colors

HunterLab(51.7486, 33.5091,
-47.5123)

Have a look what the booklet for
HunterLab(51.7486, 33.5091,
-47.5123) contains.

HunterLab(51.8133, 33.5713, -47.3711)	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(51.8133, 33.5713,
-47.3711)**

Conversions

Conversions Part 1

Format	Color
Hex	A877DF
RGB	168, 119, 223
RGB Percent	66%, 47%, 87%
CMY	0.3412, 0.5333, 0.1255
CMYK	0.25, 0.47, 0.00, 0.13
HSL	268°, 62%, 67%
HSV	268°, 47%, 87%
XYZ	36.0645, 26.8462, 73.0930
YIQ	145.5070, -4.1800, 42.7320

Conversions

Conversions Part 2

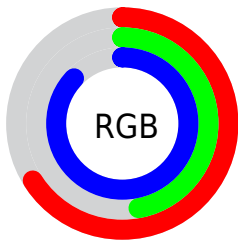
Format	Color
RYB	168, 119, 223
Decimal	11040735
CIELab	58.83, 39.43, -46.10
CIElCh	59, 60.660, 310.541
Yxy	26.8472, 0.2652, 0.1974
Android (android.graphics.Color)	4289230815 (0xFFA877DF)
YUV	145.5070, 38.2040, 19.7264
Hunter-Lab	51.8133, 33.5713, -47.3711

Details

The HunterLab color $51.8133, 33.5713, -47.3711$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $79.4396, -33.0207, 35.3456$, and the grayscale version is $53.2690, -2.8423, 2.8942$.

A 20% lighter version of the original color is $72.6172, 29.8787, -31.9752$, and $32.4915, 30.5631, -46.1565$ is the 20% darker color. If you saturate the color by 10%, you get $45.7287, 42.2213, -61.5990$, and if you desaturate by 10%, it is $58.4344, 25.0107, -34.3898$.

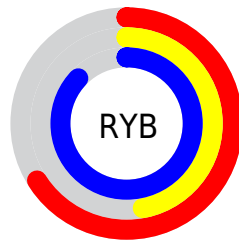
Distribution



Red (66%)

Green (47%)

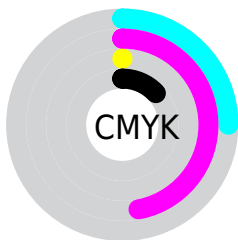
Blue (87%)



Red (66%)

Yellow (47%)

Blue (87%)

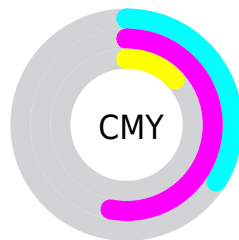


Cyan (25%)

Magenta (47%)

Yellow (0%)

Black (13%)



Cyan (34%)

Magenta (53%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8133, 33.5713, -47.3711 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 51.8133, 33.5713, -47.3711 by changing the saturation by 10% instead.

■ 51.8133, 33.5713,
-47.3711

■ 51.8133, 33.5713,
-47.3711

169.3862, 41.5014,
-53.0903

■ 41.7834, 32.2068,
-46.7528

■ 73.9179, 35.9550,
-48.7872

■ 32.4991, 30.7185,
-46.3196

■ 85.9128, 36.9929,
-49.5033

■ 24.0273, 29.1060,
-46.2842

■ 98.4943, 37.9387,
-50.1969

■ 16.4548, 27.3964,
-47.1464

111.6363, 38.7992,
-50.8577

■ 9.9048, 25.7218,
-50.3338

125.3157, 39.5807,
-51.4800

0.0000, INF, -NF

0.0000, NaN, -NF

139.5124, 40.2885,

-52.0604

0.0000, NaN, -NF

154.2080, 40.9273,
-52.5974

0.0000, NaN, NaN

■ 51.8133, 33.5713,
-47.3711

■ 51.8133, 33.5713,
-47.3711

■ 45.7287, 42.2213,
-61.5990

■ 58.4344, 25.0107,
-34.3898

■ 40.3065, 50.6718,
-76.9689

■ 65.4902, 16.6519,
-22.5568

■ 35.7055, 58.3238,
-92.9028

■ 72.9075, 8.5151,
-11.6988

■ 32.0921, 64.2033,
-108.0792

■ 80.6302, 0.5825,
-1.6412

■ 29.5706, 67.2415,
-120.5781

■ 88.6158, -7.1768,
7.7697

■ 28.8708, 67.8953,
-124.3907

■ 96.8315, -14.7956,
16.6619

■ 98.6278, -12.0612,
18.5951

■ 99.0494, -10.5690,
19.0596

Harmonies

Analogous

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



51.8143, 6.6210, -68.3057



51.8133, 33.5713, -47.3711



51.8143, 52.7779, -15.4872

Triad

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



51.8143, 33.5706, -47.3695



51.8143, 14.8117, 30.4989



51.8143, -43.0673, -6.5739

Complementary

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



51.8133, 33.5713, -47.3711



79.4396, -33.0207, 35.3456

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.



51.8143, -41.7288, 16.2045



51.8133, 33.5713, -47.3711



51.8143, -11.5317, 31.0676

Square

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



51.8143, 33.5706, -47.3695



51.8143, 40.5662, 25.0697



51.8143, -31.2244, 27.3896



51.8143, -35.3279, -38.1717

Rectangle

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



51.8133, 33.5713, -47.3711



51.8143, 56.7376, 3.2636



51.8143, -31.2244, 27.3896



51.8143, -43.6198, 2.3732

Sweetspot

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



51.8143, 33.5706, -47.3695



87.1167, 7.5542, -10.5751



63.0106, -7.8487, -27.0009



39.4119, 4.4316, -6.1004

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.8143, 33.5706, -47.3695



53.3795, 48.9331, -71.3343



58.0217, 50.1024, -34.7087



36.8216, 1.3119, -2.0649



22.2870, 52.2225, -94.5533



6.3029, 14.2388, -22.6314

Inverse Universe

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



56.5141, 42.1870, -6.4495



60.4245, 59.9909, -8.2439



76.3411, -45.1888, 32.6946



37.1767, 2.2016, 0.8009



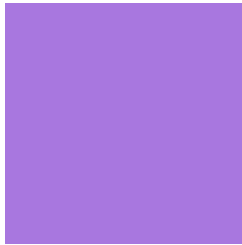
31.6472, 56.6968, 1.0706



8.4397, 15.3170, -1.2424

Previews

White Background



This preview shows how the HunterLab color 51.8133, 33.5713, -47.3711 looks on a white background.

Color Contrast Check

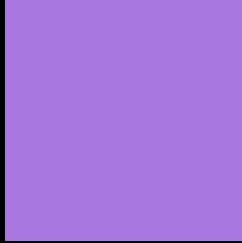
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8133, 33.5713, -47.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

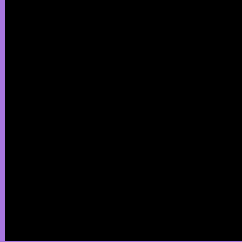
Any Text WCAG AA ✓ Pass

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 51.8133, 33.5713, -47.3711 Background



This preview shows how black text looks on a background with the HunterLab color 51.8133, 33.5713, -47.3711.



This preview shows how white text looks on a background with the HunterLab color 51.8133, 33.5713, -47.3711.

-47.3711.

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

51.8133, 33.5713, -47.3711

Protanopia

52.0812, 11.6873, -62.4411

Deuteranopia

51.9570, 4.4914, -43.5969



Tritanopia

51.9292, 4.4410, 0.5598

Trichromacy



Original Color

51.8133, 33.5713, -47.3711

Protanomaly

51.3654, 18.3111, -57.8795

Deuteranomaly

51.4338, 14.3071, -46.1087

Tritanomaly

51.5112, 14.5679, -14.6862

Monochromacy



Original Color

51.8133, 33.5713, -47.3711

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

52.4732, 9.4436, -12.7475

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8133, 33.5713, -47.3711 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(168, 119, 223)` looks like.

```
.text, #text, p{  
    color:rgb(168, 119, 223)  
}
```

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(168, 119, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 119, 223) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8133, 33.5713, -47.3711 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(168, 119, 223) }
```


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

```
.border{ border-color:rgb(168, 119, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 119, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 119, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 119, 223); box-shadow:4px 4px 4px 4px rgb(168, 119, 223) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8133, 33.5713, -47.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 119, 223) }
```

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

```
.background{ background-color: rgb(168,  
119, 223) }
```

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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