

Converting Colors

HunterLab(45.8136, -20.5512,
4.8741)

Have a look what the booklet for
HunterLab(45.8136, -20.5512,
4.8741) contains.

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Color

**HunterLab(45.8136,
-20.5512, 4.8741)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8A78
RGB	74, 138, 120
RGB Percent	29%, 54%, 47%
CMY	0.7098, 0.4588, 0.5294
CMYK	0.46, 0.00, 0.13, 0.46
HSL	163°, 30%, 42%
HSV	163°, 46%, 54%
XYZ	15.3027, 20.9889, 21.0140
YIQ	116.8120, -32.3660, -19.1660

Conversions

Conversions Part 2

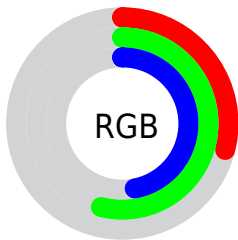
Format	Color
RYB	74, 111, 138
Decimal	4885112
CIELab	52.94, -25.14, 3.28
CIElCh	53, 25.350, 172.568
Yxy	20.9897, 0.2670, 0.3663
Android (android.graphics.Color)	4283075192 (0xFF4A8A78)
YUV	116.8120, 1.5717, -37.5461
Hunter-Lab	45.8136, -20.5512, 4.8741

Details

The HunterLab color $[45.8136, -20.5512, 4.8741]$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $[33.2777, 21.4855, 2.8405]$, and the grayscale version is $[42.1081, -2.2468, 2.2878]$.

A 20% lighter version of the original color is $[67.2234, -24.5760, 6.5689]$, and $[27.5423, -16.2610, 3.4888]$ is the 20% darker color. If you saturate the color by 10%, you get $[45.1756, -23.2505, 5.6968]$, and if you desaturate by 10%, it is $[46.5779, -17.4151, 4.1727]$.

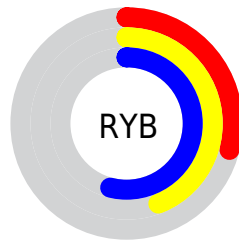
Distribution



Red (29%)

Green (54%)

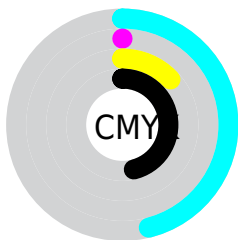
Blue (47%)



Red (29%)

Yellow (44%)

Blue (54%)

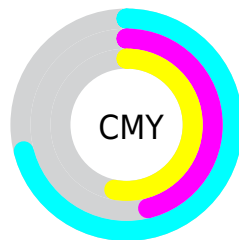


Cyan (46%)

Magenta (0%)

Yellow (13%)

Black (46%)



Cyan (71%)

Magenta (46%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.8136, -20.5512, 4.8741 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 45.8136, -20.5512, 4.8741 by changing the saturation by 10% instead.

■ 45.8136, -20.5512,
4.8741

■ 45.8136, -20.5512,
4.8741

160.3820,
-37.4330, 12.4024

■ 36.2167, -18.4288,
4.1624

■ 67.1345, -24.5545,
6.3755

■ 27.4022, -16.1821,
3.4748

■ 78.7697, -26.4735,
7.1640

■ 19.4481, -13.7546,
2.8098

■ 91.0088, -28.3546,
7.9775

■ 12.4601, -11.0930,
2.1622

■ 103.8234,
-30.2063, 8.8154

■ 5.7033, -9.9808,
2.6936

■ 117.1886,
-32.0353, 9.6773

0.0000, NaN, NaN

0.0000, NaN, NaN

131.0828,

-33.8468, 10.5628

0.0000, NaN, NaN

145.4864,
-35.6449, 11.4713

0.0000, NaN, NaN

■ 45.8136, -20.5512,
4.8741

■ 45.8136, -20.5512,
4.8741

■ 45.1756, -23.2505,
5.6968

■ 46.5779, -17.4151,
4.1727

■ 44.6576, -25.5029,
6.6271

■ 47.4675, -13.8598,
3.5996

■ 44.2547, -27.3132,
7.6505

■ 48.4831, -9.9127,
3.1610

■ 43.9583, -28.7008,
8.7489

■ 49.6235, -5.6067,
2.8596

■ 43.7511, -29.7251,
9.8955

■ 50.8858, -0.9777,
2.6953

■ 43.6831, -30.0668,
10.3056

■ 52.2666, 3.9368,
2.6657

■ 53.7617, 9.0999,
2.7665

■ 55.3662, 14.4762,
2.9921

■ 57.0750, 20.0330,
3.3358

Harmonies

Analogous

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



45.8145, -17.1980, 12.5695



45.8136, -20.5512, 4.8741



45.8145, -19.4080, -5.3797

Triad

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



45.8145, -20.5517, 4.8747



45.8145, 5.4405, -18.6488



45.8145, 10.2824, 15.1197

Complementary

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



45.8136, -20.5512, 4.8741



33.2777, 21.4855, 2.8405

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.



45.8145, 17.4083, 9.1783



45.8136, -20.5512, 4.8741



45.8145, 14.4443, -10.5642

Square

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



45.8145, -20.5517, 4.8747



45.8145, -4.9919, -20.5198



45.8145, 18.9952, -0.0221



45.8145, 0.1546, 17.5701

Rectangle

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



45.8136, -20.5512, 4.8741



45.8145, -16.1968, -12.2436



45.8145, 18.9952, -0.0221



45.8145, 13.1438, 13.5372

Sweetspot

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



45.8145, -20.5517, 4.8747



64.6687, -12.0107, 4.0985



45.7760, -22.5833, 19.4200



30.4975, -6.1828, 1.9831



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



45.8145, -20.5517, 4.8747



59.9142, -31.1359, 7.6595



42.1193, -11.6798, -8.0992



23.8013, -3.3006, 1.4145



41.8300, -28.7706, 9.8235



3.4459, -2.1227, 0.2751

Inverse Universe

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



33.2777, 21.4855, 2.8405



40.1302, 35.9628, 4.9466



35.8550, 12.9086, 11.6062



22.5171, 0.9207, 1.1579



22.5599, 39.2349, 9.9239



1.8988, 3.4173, -0.0564

Previews

White Background



This preview shows how the HunterLab color 45.8136, -20.5512, 4.8741 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 45.8136, -20.5512, 4.8741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

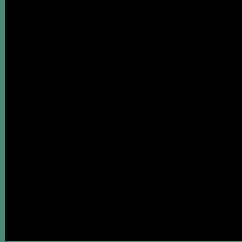
Any Text WCAG AA ✓ Pass

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 45.8136, -20.5512, 4.8741 Background



This preview shows how black text looks on a background with the HunterLab color 45.8136, -20.5512, 4.8741.



This preview shows how white text looks on a background with the HunterLab color 45.8136,

-20.5512, 4.8741.

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

45.8136, -20.5512, 4.8741

Protanopia

45.4805, -2.3740, 7.6169

Deuteranopia

45.6488, 2.9430, 3.8414



Tritanopia

45.6551, -13.3162, -6.8890

Trichromacy



Original Color

45.8136, -20.5512, 4.8741

Protanomaly

45.3224, -10.1337, 6.1350

Deuteranomaly

45.2640, -7.0366, 3.6505

Tritanomaly

45.5250, -15.9545, -2.5624

Monochromacy



Original Color

45.8136, -20.5512, 4.8741

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

43.2920, -9.9121, 3.0295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.8136, -20.5512, 4.8741 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(74, 138, 120)` looks like.

```
.text, #text, p{  
    color:rgb(74, 138, 120)  
}
```

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(74, 138, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 138, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 45.8136, -20.5512, 4.8741 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(74, 138, 120) }
```


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

```
.border{ border-color:rgb(74, 138, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 138, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 138, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 138, 120);  
box-shadow:4px 4px 4px 4px rgb(74, 138,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.8136, -20.5512, 4.8741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 138, 120) }
```

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

```
.background{ background-color: rgb(74, 138,  
120) }
```

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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