

Converting Colors

HunterLab(53.7211, 12.7961,
-5.7963)

Have a look what the booklet for
HunterLab(53.7211, 12.7961,
-5.7963) contains.

HunterLab(53.7317, 12.8510, -5.9455)	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(53.7317, 12.8510,
-5.9455)**

Conversions

Conversions Part 1

Format	Color
Hex	AA88A5
RGB	170, 136, 165
RGB Percent	67%, 53%, 65%
CMY	0.3333, 0.4667, 0.3529
CMYK	0.00, 0.20, 0.03, 0.33
HSL	309°, 17%, 60%
HSV	309°, 20%, 67%
XYZ	32.1732, 28.8710, 39.4743
YIQ	149.4720, 10.9550, 16.2270

Conversions

Conversions Part 2

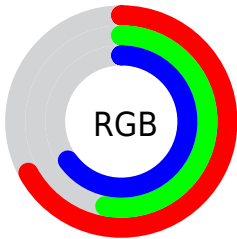
Format	Color
R_{YB}	170, 136, 165
Decimal	11176101
CIE _{Lab}	60.67, 18.00, -10.42
CIE _{LCh}	61, 20.797, 329.923
Yxy	28.8722, 0.3201, 0.2872
Android (android.graphics.Color)	4289366181 (0xFFAA88A5)
YUV	149.4720, 7.6553, 18.0031
Hunter-Lab	53.7317, 12.8510, -5.9455

Details

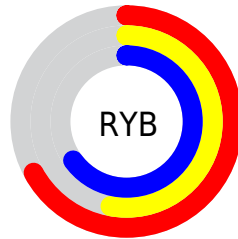
The HunterLab color **53.7317, 12.8510, -5.9455** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.9230, -17.4756, 11.6836**, and the grayscale version is **54.9804, -2.9336, 2.9872**.

A 20% lighter version of the original color is **76.2647, 13.2784, -5.4131**, and **34.1024, 11.7395, -5.9423** is the 20% darker color. If you saturate the color by 10%, you get **49.3631, 21.1606, -10.5495**, and if you desaturate by 10%, it is **58.4282, 4.6498, -1.2609**.

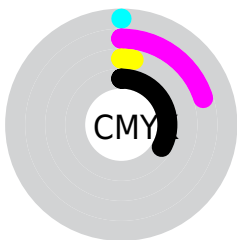
Distribution



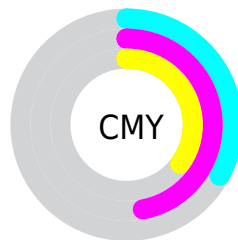
- Red (67%)
- Green (53%)
- Blue (65%)



- Red (67%)
- Yellow (53%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.7317, 12.8510, -5.9455 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 53.7317, 12.8510, -5.9455 by changing the saturation by 10% instead.

■ 53.7317, 12.8510,
-5.9455

■ 53.7317, 12.8510,
-5.9455

172.2242, 13.3153,
-3.1674

■ 43.5708, 12.4491,
-5.9945

■ 76.0750, 13.3932,
-5.6607

■ 34.1451, 11.9473,
-5.9750

■ 88.1797, 13.5543,
-5.4374

■ 25.5183, 11.3275,
-5.8777

■ 100.8659, 13.6505,
-5.1650

■ 17.7728, 10.5681,
-5.6940

114.1082, 13.6870,
-4.8469

■ 11.0234, 9.6422,
-5.4191

127.8841, 13.6682,
-4.4858

■ 2.7208, 28.6770,
-15.7308

142.1737, 13.5979,

0.0000, NaN, NaN

-4.0841

0.0000, NaN, NaN

156.9590, 13.4794,
-3.6441

0.0000, NaN, NaN

■ 53.7317, 12.8510,
-5.9455

■ 53.7317, 12.8510,
-5.9455

■ 49.3631, 21.1606,
-10.5495

■ 58.4282, 4.6498,
-1.2609

■ 45.3737, 29.4683,
-14.9833

■ 63.4031, -3.3844,
3.4456

■ 41.8272, 37.5675,
-19.1023

■ 68.6196, -11.2364,
8.1444

■ 38.7909, 45.1377,
-22.7046

■ 74.0467, -18.9099,
12.8206

■ 36.3284, 51.7468,
-25.5410

■ 79.6591, -26.4194,
17.4684

■ 34.4853, 56.9148,
-27.3618

■ 85.4361, -33.7835,
22.0873

■ 33.2708, 60.2583,
-28.0015

■ 91.3588, -41.0197,
26.6784

■ 32.5431, 62.0121,
-27.6655

■ 91.4161, -40.6834,
25.8480

■ 32.5430, 62.0124,
-27.6654

■ 91.4744, -40.3416,
25.0040

Harmonies

Analogous

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



53.7329, 5.9879, -13.2879



53.7317, 12.8510, -5.9455



53.7329, 15.4469, 2.9028

Triad

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



53.7329, 12.8495, -5.9444



53.7329, -2.8468, 16.8564



53.7329, -16.9879, -5.9000

Complementary

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



53.7317, 12.8510, -5.9455



59.9230, -17.4756, 11.6836

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.



53.7329, -19.0205, 2.9469



53.7317, 12.8510, -5.9455



53.7329, -11.1887, 15.2678

Square

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



53.7329, 12.8495, -5.9444



53.7329, 6.0305, 15.2513



53.7329, -16.9672, 10.5001



53.7329, -11.2263, -13.2595

Rectangle

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



53.7317, 12.8510, -5.9455



53.7329, 14.2873, 8.2101



53.7329, -16.9672, 10.5001



53.7329, -18.1124, -2.9586

Sweetspot

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



53.7329, 12.8495, -5.9444



81.2666, 2.0256, 0.7665



51.1214, 4.6960, -12.5246



38.1798, 1.2779, 0.1743



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.



53.7329, 12.8495, -5.9444



69.7076, 22.2637, -10.7784



53.2058, 10.1033, 1.5237



27.6539, 1.9129, -0.4340



27.9227, 53.2267, -23.8809



4.4123, 8.5021, -4.4806

Inverse Universe

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



53.7329, 12.8495, -5.9444



69.7076, 22.2637, -10.7784



60.3631, -14.9691, 5.3663



27.6539, 1.9129, -0.4340



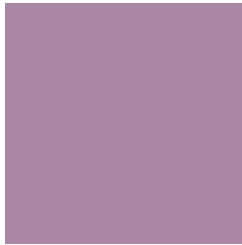
27.9227, 53.2267, -23.8809



4.4123, 8.5021, -4.4806

Previews

White Background



This preview shows how the HunterLab color 53.7317, 12.8510, -5.9455 looks on a white background.

Color Contrast Check

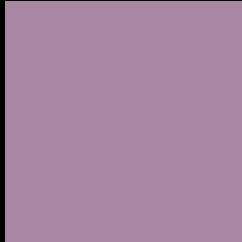
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.7317, 12.8510, -5.9455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

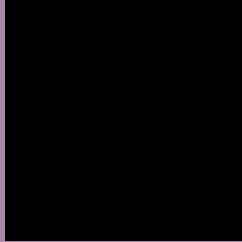
Any Text WCAG AA ✓ Pass

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 53.7317, 12.8510, -5.9455 Background



This preview shows how black text looks on a background with the HunterLab color 53.7317, 12.8510, -5.9455.



This preview shows how white text looks on a background with the HunterLab color 53.7317, 12.8510, -5.9455.

-5.9455.

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

53.7317, 12.8510, -5.9455

Protanopia

53.7976, 0.8529, -9.2967

Deuteranopia

53.9422, 3.7497, -5.2994



Tritanopia

53.8443, 8.1634, 1.5491

Trichromacy



Original Color

53.7317, 12.8510, -5.9455

Protanomaly

53.7457, 4.8614, -8.2053

Deuteranomaly

53.6726, 7.0985, -5.6008

Tritanomaly

53.8317, 9.8042, -0.8122

Monochromacy



Original Color

53.7317, 12.8510, -5.9455

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

54.2966, 2.9297, -0.3537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.7317, 12.8510, -5.9455 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(170, 136, 165)` looks like.

```
.text, #text, p{  
    color:rgb(170, 136, 165)  
}
```

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(170, 136, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 136, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 53.7317, 12.8510, -5.9455 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(170, 136, 165) }
```


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

```
.border{ border-color:rgb(170, 136, 165) }
```

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

Here you see how a box with a 4 pixel rgb(170, 136, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 136, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 136, 165);  
box-shadow:4px 4px 4px 4px rgb(170, 136,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.7317, 12.8510, -5.9455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 136, 165) }
```

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

```
.background{ background-color: rgb(170,  
136, 165) }
```

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