

Converting Colors

HunterLab(60.4208, -17.5718,
-20.7223)

Have a look what the booklet for
HunterLab(60.4208, -17.5718,
-20.7223) contains.

HunterLab(60.5112, -17.4995, -20.8597)	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(60.5112,
-17.4995, -20.8597)**

Conversions

Conversions Part 1

Format	Color
Hex	53AECF
RGB	83, 174, 207
RGB Percent	33%, 68%, 81%
CMY	0.6745, 0.3176, 0.1882
CMYK	0.60, 0.16, 0.00, 0.19
HSL	196°, 56%, 57%
HSV	196°, 60%, 81%
XYZ	29.9658, 36.6161, 64.5196
YIQ	150.5530, -64.8290, -9.0290

Conversions

Conversions Part 2

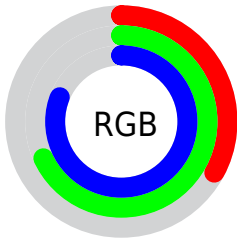
Format	Color
R _Y B	83, 135, 207
Decimal	5484239
CIE Lab	66.99, -17.40, -24.90
CIE LCh	67, 30.381, 235.052
Yxy	36.6174, 0.2286, 0.2793
Android (android.graphics.Color)	4283674319 (0xFF53AECF)
YUV	150.5530, 27.8284, -59.2440
Hunter-Lab	60.5112, -17.4995, -20.8597

Details

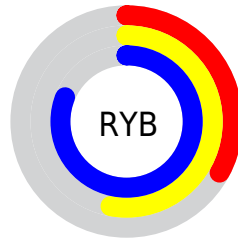
The HunterLab color **60.5112, -17.4995, -20.8597** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **51.3635, 26.6728, 22.6689**, and the grayscale version is **55.3604, -2.9539, 3.0078**.

A 20% lighter version of the original color is **83.4585, -22.6990, -16.1812**, and **39.9683, -13.7299, -20.3181** is the 20% darker color. If you saturate the color by 10%, you get **58.0749, -17.5296, -24.7886**, and if you desaturate by 10%, it is **63.1476, -16.7736, -16.8084**.

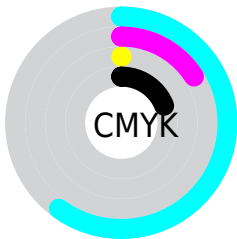
Distribution



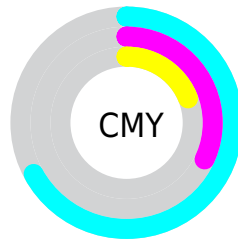
- Red (33%)
- Green (68%)
- Blue (81%)



- Red (33%)
- Yellow (53%)
- Blue (81%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.5112, -17.4995, -20.8597 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 60.5112, -17.4995, -20.8597 by changing the saturation by 10% instead.

■ 60.5112, -17.4995,
-20.8597

■ 60.5112, -17.4995,
-20.8597

182.1129,
-30.8604, -22.0624

■ 49.9113, -15.9557,
-20.4465

■ 83.6564, -20.5153,
-21.5038

■ 40.0138, -14.3731,
-19.9778

■ 96.1318, -22.0018,
-21.7387

■ 30.8739, -12.7336,
-19.4639

■ 109.1723,
-23.4807, -21.9179

■ 22.5605, -11.0087,
-18.9366

■ 122.7543,
-24.9554, -22.0439

■ 15.1658, -9.1485,
-18.4864

136.8570,
-26.4288, -22.1192

■ 8.7962, -9.0913,
-18.5043

151.4619,

0.0000, NaN, -NF

-27.9030, -22.1459

0.0000, NaN, -NF

166.5522,
-29.3797, -22.1263

0.0000, NaN, NaN

■ 60.5112, -17.4995,
-20.8597

■ 60.5112, -17.4995,
-20.8597

■ 58.0749, -17.5296,
-24.7886

■ 63.1476, -16.7736,
-16.8084

■ 55.8372, -16.8495,
-28.5707

■ 65.9749, -15.3853,
-12.6666

■ 53.7947, -15.4752,
-32.1853

■ 68.9863, -13.3801,
-8.4601

■ 51.9154, -13.5317,
-35.6645

■ 72.1722, -10.8089,
-4.2124

■ 51.8970, -13.5114,
-35.6994

■ 75.5225, -7.7242,
0.0574

■ 79.0272, -4.1773,
4.3344

■ 82.6763, -0.2168,
8.6070

■ 86.4602, 4.1131,
12.8672

■ 88.7988, 3.4979,
15.3635

Harmonies

Analogous

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



60.5123, -25.1533, -8.2186



60.5112, -17.4995, -20.8597



60.5123, -5.4720, -27.1116

Triad

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



60.5123, -17.4995, -20.8586



60.5123, 25.0966, 1.1078



60.5123, -13.9149, 21.7787

Complementary

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



60.5112, -17.4995, -20.8597



51.3635, 26.6728, 22.6689

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.



60.5123, -0.9590, 23.2106



60.5112, -17.4995, -20.8597



60.5123, 22.3360, 12.9116

Square

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



60.5123, -17.4995, -20.8586



60.5123, 19.7368, -12.7648



60.5123, 12.4936, 20.3466



60.5123, -23.2154, 15.8849

Rectangle

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



60.5112, -17.4995, -20.8597



60.5123, 3.7120, -26.0006



60.5123, 12.4936, 20.3466



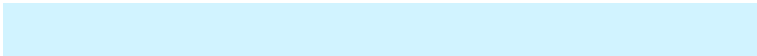
60.5123, -9.8764, 22.7336

Sweetspot

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



60.5123, -17.4995, -20.8586



92.0664, -13.0701, -4.4245



69.0510, -46.0837, 28.0716



42.0295, -6.5380, -2.7821

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.5123, -17.4995, -20.8586



72.6528, -22.0298, -32.8243



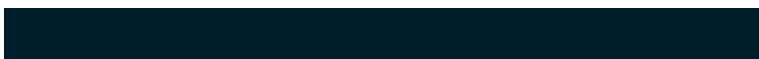
42.8721, 11.7771, -55.0148



35.8504, -3.5818, 0.1256



41.3899, -11.0103, -27.9657



10.4130, -3.4882, -5.4853

Inverse Universe

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



47.4438, 54.1725, -19.8616



55.0277, 81.0612, -27.6838



67.0386, -3.3037, 34.0121



34.5733, 2.3345, -0.1088



31.3060, 58.2214, -15.4976



7.4884, 14.0718, -4.8338

Previews

White Background



This preview shows how the HunterLab color 60.5112, -17.4995, -20.8597 looks on a white background.

Color Contrast Check

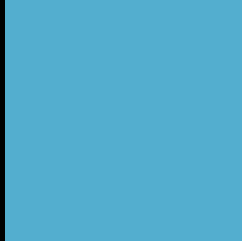
Large Text (above 18pt) WCAG AA × Fail

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 60.5112, -17.4995, -20.8597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

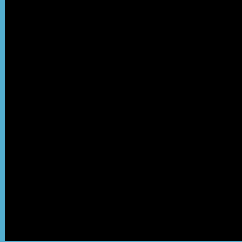
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 60.5112, -17.4995, -20.8597 Background



This preview shows how black text looks on a background with the HunterLab color 60.5112, -17.4995, -20.8597.



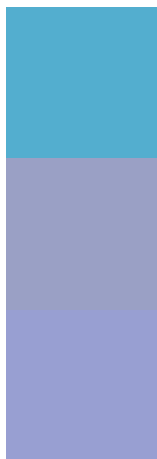
This preview shows how white text looks on a background with the HunterLab color 60.5112, -17.4995, -20.8597.

-17.4995, -20.8597.

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

60.5112, -17.4995, -20.8597

Protanopia

60.0357, 1.9003, -15.1402

Deuteranopia

60.1039, 4.6431, -23.0300



Tritanopia

60.6155, -23.3090, -11.2695

Trichromacy



Original Color

60.5112, -17.4995, -20.8597

Protanomaly

59.7633, -6.3211, -18.1055

Deuteranomaly

59.7213, -4.2758, -23.1608

Tritanomaly

60.6170, -21.1898, -14.6861

Monochromacy



Original Color

60.5112, -17.4995, -20.8597

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

56.7205, -10.0337, -5.4982

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.5112, -17.4995, -20.8597 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(83, 174, 207)` looks like.

```
.text, #text, p{  
  color:rgb(83, 174, 207)  
}
```

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(83, 174, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 174, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 60.5112, -17.4995, -20.8597 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(83, 174, 207) }
```


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

```
.border{ border-color:rgb(83, 174, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 174, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 174, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 174, 207);  
box-shadow:4px 4px 4px 4px rgb(83, 174,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.5112, -17.4995, -20.8597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 174, 207) }
```

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

```
.background{ background-color: rgb(83, 174,  
207) }
```

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