

# Converting Colors

HunterLab(53.3662, 14.9939,  
-13.2898)

Have a look what the booklet for  
HunterLab(53.3662, 14.9939,  
-13.2898) contains.

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# Color

**HunterLab(53.3292, 15.1120,  
-13.1185)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A786B1
RGB	167, 134, 177
RGB Percent	65%, 53%, 69%
CMY	0.3451, 0.4745, 0.3059
CMYK	0.06, 0.24, 0.00, 0.31
HSL	286°, 22%, 61%
HSV	286°, 24%, 69%
XYZ	32.3973, 28.4400, 45.3770
YIQ	148.7690, 5.8650, 20.3690

# Conversions

## Conversions Part 2

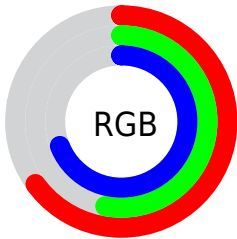
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 134, 177
Decimal	10978993
CIE <sub>Lab</sub>	60.29, 20.46, -17.86
CIE <sub>LCh</sub>	60, 27.159, 318.869
Yxy	28.4413, 0.3050, 0.2678
Android (android.graphics.Color)	4289169073 (0xFFA786B1)
YUV	148.7690, 13.9179, 15.9886
Hunter-Lab	53.3292, 15.1120, -13.1185

# Details

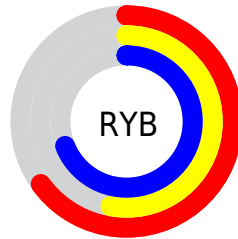
The HunterLab color  $53.3292, 15.1120, -13.1185$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $62.5265, -19.4159, 16.8005$ , and the grayscale version is  $54.6737, -2.9173, 2.9705$ .

A 20% lighter version of the original color is  $75.4675, 16.0029, -13.7824$ , and  $33.8241, 14.0495, -12.3372$  is the 20% darker color. If you saturate the color by 10%, you get  $48.4868, 23.0029, -20.5832$ , and if you desaturate by 10%, it is  $58.4859, 7.3282, -6.0003$ .

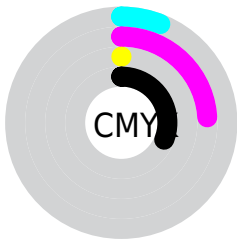
# Distribution



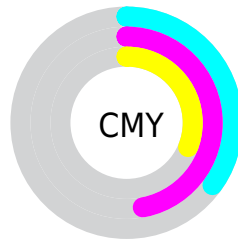
- Red (65%)
- Green (53%)
- Blue (69%)



- Red (65%)
- Yellow (53%)
- Blue (69%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (47%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.3292, 15.1120, -13.1185 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 53.3292, 15.1120, -13.1185 by changing the saturation by 10% instead.



■ 53.3292, 15.1120,  
-13.1185

■ 53.3292, 15.1120,  
-13.1185

171.6302, 16.4831,  
-12.6869

■ 43.1955, 14.5879,  
-12.8761

■ 75.6229, 15.8830,  
-13.4011

■ 33.7991, 13.9573,  
-12.5647

■ 87.7047, 16.1514,  
-13.4515

■ 25.2045, 13.2023,  
-12.1841

■ 100.3692, 16.3508,  
-13.4460

■ 17.4948, 12.3016,  
-11.7486

113.5906, 16.4869,  
-13.3880

■ 10.7866, 11.2338,  
-11.3201

127.3464, 16.5644,  
-13.2805

■ 1.7772, 50.0608,  
-42.7864

141.6166, 16.5873,

0.0000, NaN, -NF

-13.1263

0.0000, NaN, NaN

156.3833, 16.5592,  
-12.9277

0.0000, NaN, NaN

■ 53.3292, 15.1120,  
-13.1185

■ 53.3292, 15.1120,  
-13.1185

■ 48.4868, 23.0029,  
-20.5832

■ 58.4859, 7.3282,  
-6.0003

■ 44.0118, 30.9124,  
-28.3738

■ 63.9077, -0.3077,  
0.7843

■ 39.9739, 38.6541,  
-36.3868

■ 69.5591, -7.7912,  
7.2709

■ 36.4513, 45.9080,  
-44.3925

■ 75.4109, -15.1321,  
13.4995

■ 33.5251, 52.1975,  
-51.9910

■ 81.4394, -22.3464,  
19.5088

■ 31.2621, 56.9400,  
-58.6272

■ 87.6255, -29.4526,  
25.3341

■ 29.6865, 59.6330,  
-63.7378

■ 92.9545, -35.1379,  
30.1318

■ 28.9741, 60.5746,  
-66.2031

■ 93.2547, -33.9984,  
30.4221

■ 93.5621, -32.8357,  
30.7188

# Harmonies

## Analogous

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



53.3303, 4.5978, -21.4781



53.3292, 15.1120, -13.1185



53.3303, 20.9804, -1.3805

# Triad

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



53.3303, 15.1107, -13.1173



53.3303, 1.5490, 19.8755



53.3303, -22.4483, -4.4654

# Complementary

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



53.3292, 15.1120, -13.1185



62.5265, -19.4159, 16.8005

# 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.



53.3303, -23.1118, 6.8581



53.3292, 15.1120, -13.1185



53.3303, -9.9072, 19.3976

# Square

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



53.3303, 15.1107, -13.1173



53.3303, 12.7144, 16.5979



53.3303, -18.7064, 15.1123



53.3303, -16.8089, -15.7889



# Rectangle

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



53.3292, 15.1120, -13.1185



53.3303, 21.1600, 6.0876



53.3303, -18.7064, 15.1123



53.3303, -23.2414, -0.4912

# Sweetspot

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



53.3303, 15.1107, -13.1173



83.4406, 2.4568, -1.4750



53.1042, 0.3334, -13.7123



38.6483, 1.4157, -0.9271



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444



# Same Dimension

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



53.3303, 15.1107, -13.1173



67.9407, 25.7050, -22.6953



53.9765, 16.3177, -5.8369



29.2321, 1.6816, -1.2391



24.7201, 51.6375, -56.1457



4.6542, 9.5252, -9.0451



# Inverse Universe

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



53.3031, 12.8476, 3.7194



67.9313, 22.0643, 5.2889



62.1065, -20.4470, 12.1569



29.2174, 1.2552, 1.6640



26.2624, 45.4505, 13.2855

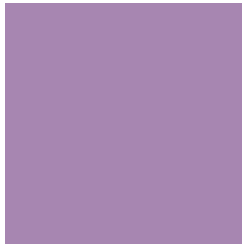


4.7548, 8.4161, 0.9537



# Previews

## White Background



This preview shows how the HunterLab color 53.3292, 15.1120, -13.1185 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

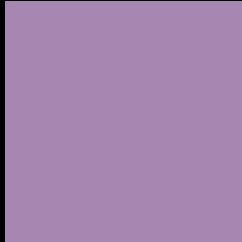
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 53.3292, 15.1120, -13.1185 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

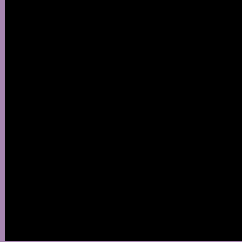
Any Text WCAG AA ✓ Pass

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 53.3292, 15.1120, -13.1185 Background



This preview shows how black text looks on a background with the HunterLab color 53.3292, 15.1120, -13.1185.



This preview shows how white text looks on a background with the HunterLab color 53.3292, 15.1120, -13.1185.

-13.1185.

# 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

53.3292, 15.1120, -13.1185

### Protanopia

53.5177, 2.3297, -17.2203

### Deuteranopia

53.3487, 3.9652, -12.1315



## Tritanopia

53.3421, 6.5121, 0.9116

# Trichromacy



## Original Color

53.3292, 15.1120, -13.1185

## Protanomaly

53.1934, 6.7469, -15.8308

## Deuteranomaly

53.2655, 8.0097, -12.7578

## Tritanomaly

53.2183, 9.5059, -4.0928

# Monochromacy



## Original Color

53.3292, 15.1120, -13.1185

## Achromatopsia

54.8219, -2.9252, 2.9786

## Achromatomaly

54.3301, 3.2944, -2.2597

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.3292, 15.1120, -13.1185 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(167, 134, 177)` looks like.

```
.text, #text, p{  
    color:rgb(167, 134, 177)  
}
```

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(167, 134, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 134, 177) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.3292, 15.1120, -13.1185 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(167, 134, 177) }
```



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

```
.border{ border-color:rgb(167, 134, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 134, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 134, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 134, 177);  
box-shadow:4px 4px 4px 4px rgb(167, 134,  
177) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.3292, 15.1120, -13.1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 134, 177) }
```

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

```
.background{ background-color: rgb(167,  
134, 177) }
```

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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