

# Converting Colors

HunterLab(55.1209, 96.1691,  
-60.7791)

Have a look what the booklet for  
HunterLab(55.1209, 96.1691,  
-60.7791) contains.

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# Color

**HunterLab(55.1187, 96.1643,  
-60.7575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF32F9
RGB	255, 50, 249
RGB Percent	100%, 20%, 98%
CMY	0.0000, 0.8039, 0.0235
CMYK	0.00, 0.80, 0.02, 0.00
HSL	302°, 100%, 60%
HSV	302°, 80%, 100%
XYZ	59.4794, 30.3807, 92.3516
YIQ	133.9810, 58.3010, 105.3490

# Conversions

## Conversions Part 2

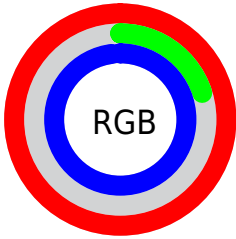
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 50, 249
Decimal	16724729
CIE Lab	61.98, 91.54, -54.87
CIE LCh	62, 106.727, 329.064
Yxy	30.3819, 0.3264, 0.1667
Android (android.graphics.Color)	4294914809 (0xFFFF32F9)
YUV	133.9810, 56.7044, 106.1337
Hunter-Lab	55.1187, 96.1643, -60.7575

# Details

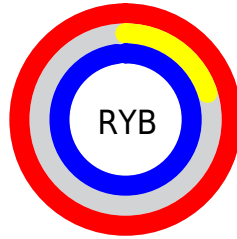
The HunterLab color **55.1187, 96.1643, -60.7575** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **85.1376, -69.7597, 48.6335**, and the grayscale version is **48.5876, -2.5925, 2.6399**.

A 20% lighter version of the original color is **65.1146, 67.6608, -44.8372**, and **39.0834, 76.6688, -50.2270** is the 20% darker color. If you saturate the color by 10%, you get **53.5982, 101.2276, -63.6672**, and if you desaturate by 10%, it is **57.6613, 87.9488, -55.7128**.

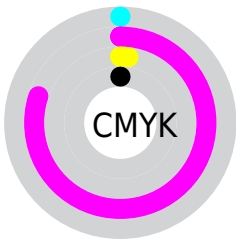
# Distribution



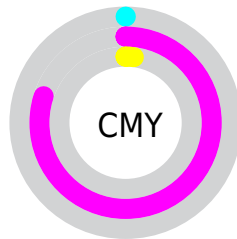
- Red (100%)
- Green (20%)
- Blue (98%)



- Red (100%)
- Yellow (20%)
- Blue (98%)



- Cyan (0%)
- Magenta (80%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1187, 96.1643, -60.7575 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 55.1187, 96.1643, -60.7575 by changing the saturation by 10% instead.



55.1187, 96.1643,  
-60.7575

55.1187, 96.1643,  
-60.7575

174.2643,  
117.6092, -67.3257

44.8649, 93.5515,  
-60.2401

77.6309, 101.4053,  
-62.1789

35.3392, 91.0759,  
-60.0255

89.8136, 103.9565,  
-62.9620

26.6033, 88.9558,  
-60.3938

102.5743,  
106.4357, -63.7494

18.7364, 87.6979,  
-61.9661

115.8879,  
108.8354, -64.5239

11.8478, 88.6640,  
-66.3740

129.7323,  
111.1526, -65.2746

4.6846, 131.7855,  
-105.7899

144.0880,

0.0000, INF, -NF

113.3866, -65.9944

0.0000, NaN, -NF

158.9373,  
115.5382, -66.6790

■ 55.1187, 96.1643,  
-60.7575

■ 55.1187, 96.1643,  
-60.7575

■ 53.5982, 101.2276,  
-63.6672

■ 57.6613, 87.9488,  
-55.7128

■ 52.9231, 103.3837,  
-64.6481

■ 61.2396, 77.1253,  
-48.8703

■ 65.7977, 64.4916,  
-40.7453

■ 71.2376, 50.8301,  
-31.8537

■ 77.4480, 36.7489,  
-22.6033

84.3210, 22.6483,  
-13.2690

91.7603, 8.7568,  
-4.0124

99.6844, -4.8172,  
5.0847

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



55.1197, 47.3475, -134.3429



55.1187, 96.1643, -60.7575



55.1197, 117.3913, 1.5985

# Triad

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



55.1197, 96.1610, -60.7555



55.1197, -1.4818, 38.5723



55.1197, -61.1952, -56.0789

# Complementary

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



55.1187, 96.1643, -60.7575



85.1376, -69.7597, 48.6335

# 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.



55.1197, -66.7265, 4.3662



55.1187, 96.1643, -60.7575



55.1197, -39.8859, 37.5627

# Square

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



55.1197, 96.1610, -60.7555



55.1197, 50.7304, 37.4273



55.1197, -60.4305, 31.2038



55.1197, -41.6690, -130.4030



# Rectangle

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



55.1187, 96.1643, -60.7575



55.1197, 109.0426, 24.1222



55.1197, -60.4305, 31.2038



55.1197, -64.3978, -32.4740

# Sweetspot

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



55.1197, 96.1610, -60.7555



81.7678, 27.7273, -16.6388



32.0482, 59.1091, -154.2441



36.7000, 15.1544, -9.2376

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.1197, 96.1610, -60.7555



53.1493, 102.6810, -64.3698



50.7100, 79.5603, -0.6485



42.7676, 3.4907, -1.4815



38.2612, 74.7503, -46.8013



11.9505, 23.3653, -14.7551



# Inverse Universe

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



55.1197, 96.1610, -60.7555



53.1493, 102.6810, -64.3698



86.3690, -62.1320, 30.5647



42.7676, 3.4907, -1.4815



38.2612, 74.7503, -46.8013



11.9505, 23.3653, -14.7551



# Previews

## White Background



This preview shows how the HunterLab color 55.1187, 96.1643, -60.7575 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

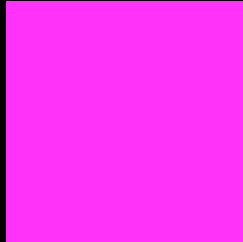
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.1187, 96.1643, -60.7575 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

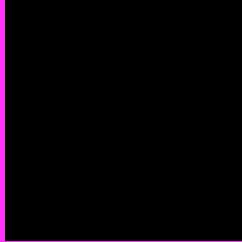
Any Text WCAG AA ✓ Pass

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 55.1187, 96.1643, -60.7575 Background



This preview shows how black text looks on a background with the HunterLab color 55.1187, 96.1643, -60.7575.



This preview shows how white text looks on a background with the HunterLab color 55.1187, 96.1643, -60.7575.

-60.7575.

# 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

55.1187, 96.1643, -60.7575

### Protanopia

55.5465, 11.5732, -66.5536

### Deuteranopia

55.4562, 4.6987, -49.7767



## Tritanopia

54.7956, 47.6679, 17.6951

# Trichromacy



## Original Color

55.1187, 96.1643, -60.7575



## Protanomaly

50.8412, 42.4365, -76.3003



## Deuteranomaly

50.6920, 38.2078, -64.5155



## Tritanomaly

53.5506, 64.6365, -3.7168

# Monochromacy



## Original Color

55.1187, 96.1643, -60.7575



## Achromatopsia

48.8260, -2.6052, 2.6528



## Achromatomaly

47.2229, 34.7150, -21.8639

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.1187, 96.1643, -60.7575 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(255, 50, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 50, 249)  
}
```

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(255, 50, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 50, 249) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.1187, 96.1643, -60.7575 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(255, 50, 249) }
```



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

```
.border{ border-color:rgb(255, 50, 249) }
```

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

Here you see how a box with a 4 pixel rgb(255, 50, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 50, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 50, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 50,  
249) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.1187, 96.1643, -60.7575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 50, 249) }
```

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

```
.background{ background-color: rgb(255, 50,  
249) }
```

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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