

# Converting Colors

HunterLab(51.5738, 82.2834,  
-11.5335)

Have a look what the booklet for  
HunterLab(51.5738, 82.2834,  
-11.5335) contains.

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# Color

**HunterLab(51.5812, 82.3119,  
-11.6376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF33AC
RGB	255, 51, 172
RGB Percent	100%, 20%, 67%
CMY	0.0000, 0.7999, 0.3255
CMYK	0.00, 0.80, 0.33, 0.00
HSL	324°, 100%, 60%
HSV	324°, 80%, 100%
XYZ	49.8702, 26.6062, 41.5368
YIQ	125.7900, 82.7430, 80.8790

# Conversions

## Conversions Part 2

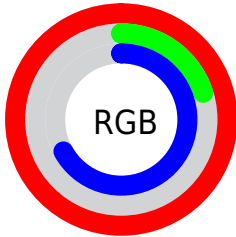
Format	Color
<a href="#">RYB</a>	<a href="#">255, 51, 172</a>
Decimal	<a href="#">16724908</a>
CIELab	<a href="#">58.61, 81.69, -16.41</a>
CIELCh	<a href="#">59, 83.321, 348.638</a>
Yxy	<a href="#">26.6076, 0.4226, 0.2255</a>
Android (android.graphics.Color)	<a href="#">4294914988</a> ( <a href="#">0xFFFF33AC</a> )
YUV	<a href="#">125.7900, 22.7815, 113.3172</a>
Hunter-Lab	<a href="#">51.5812, 82.3119, -11.6376</a>

# Details

The HunterLab color **51.5812, 82.3119, -11.6376** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **85.9918, -64.4856, 36.3040**, and the grayscale version is **45.4888, -2.4272, 2.4715**.

A 20% lighter version of the original color is **63.4342, 62.9523, -27.7353**, and **35.6280, 64.8201, -6.4821** is the 20% darker color. If you saturate the color by 10%, you get **49.5710, 86.4071, -8.6173**, and if you desaturate by 10%, it is **54.6747, 75.2053, -13.2062**.

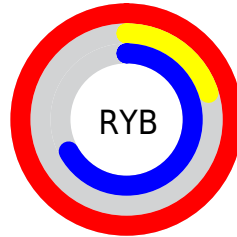
# Distribution



Red (100%)

Green (20%)

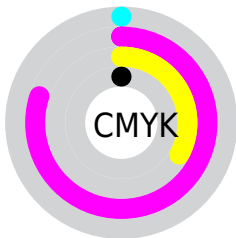
Blue (67%)



Red (100%)

Yellow (20%)

Blue (67%)

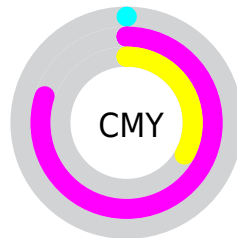


Cyan (0%)

Magenta (80%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5812, 82.3119, -11.6376 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 51.5812, 82.3119, -11.6376 by changing the saturation by 10% instead.



51.5812, 82.3119,  
-11.6376

51.5812, 82.3119,  
-11.6376

169.0421,  
101.8697, -10.8498

41.5677, 79.8218,  
-11.4340

73.6570, 87.2102,  
-11.8387

32.3008, 77.4196,  
-11.1598

85.6385, 89.5618,  
-11.8485

23.8480, 75.3023,  
-10.8124

98.2072, 91.8298,  
-11.8028

16.2969, 73.9614,  
-10.4026

111.3369, 94.0103,  
-11.7049

9.7716, 74.8451,  
-9.9870

125.0046, 96.1028,  
-11.5581

0.0000, INF, -NF

0.0000, INF, NaN

139.1899, 98.1087,

-11.3650

0.0000, NaN, NaN

153.8745,  
100.0301, -11.1282

0.0000, NaN, NaN

■ 51.5812, 82.3119,  
-11.6376

■ 51.5812, 82.3119,  
-11.6376

■ 49.5710, 86.4071,  
-8.6173

■ 54.6747, 75.2053,  
-13.2062

■ 48.4797, 87.6465,  
-4.5292

■ 58.8261, 65.7376,  
-13.3046

■ 48.4791, 87.6470,  
-4.5265

■ 63.9455, 54.7189,  
-12.0996

■ 69.9124, 42.8658,  
-9.8406

■ 76.6041, 30.6888,  
-6.7751

83.9098, 18.5002,  
-3.1096

91.7359, 6.4656,  
0.9988

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.



51.5826, 58.8699, -60.8648



51.5812, 82.3119, -11.6376



51.5826, 78.8178, 19.5021

# Triad

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



51.5826, 82.3074, -11.6359



51.5826, -22.7437, 34.1889



51.5826, -40.4482, -73.1943

# Complementary

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



51.5812, 82.3119, -11.6376



85.9918, -64.4856, 36.3040

# 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.



51.5826, -52.6808, -22.4480



51.5812, 82.3119, -11.6376



51.5826, -44.5245, 29.8765

# Square

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



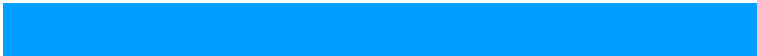
51.5826, 82.3074, -11.6359



51.5826, 11.3413, 34.4889



51.5826, -53.9384, 13.9981



51.5826, -15.4835, -109.4441



# Rectangle

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



51.5812, 82.3119, -11.6376



51.5826, 61.8551, 29.0733



51.5826, -53.9384, 13.9981



51.5826, -45.8600, -56.1385

# Sweetspot

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



51.5826, 82.3074, -11.6359



80.9156, 23.3715, -4.6390



38.1365, 68.2761, -122.3900



36.2377, 12.8241, -2.7447

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.5826, 82.3074, -11.6359



48.8479, 87.3602, -6.2203



49.0809, 72.5851, 24.2284



42.6239, 2.7214, 0.5593



35.0868, 63.5129, -3.8832



11.0469, 20.1739, -2.5957



# Inverse Universe

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



51.5826, 82.3074, -11.6359



48.8479, 87.3602, -6.2203



88.4304, -49.6603, 1.1260



42.6239, 2.7214, 0.5593



35.0868, 63.5129, -3.8832



11.0469, 20.1739, -2.5957



# Previews

## White Background



This preview shows how the HunterLab color 51.5812, 82.3119, -11.6376 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

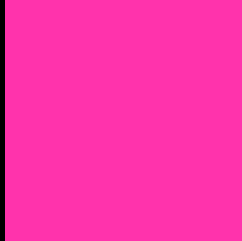
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 51.5812, 82.3119, -11.6376 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

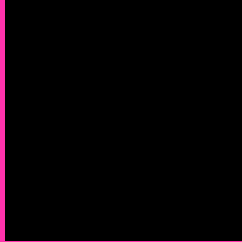
Any Text WCAG AA ✓ Pass

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 51.5812, 82.3119, -11.6376 Background



This preview shows how black text looks on a background with the HunterLab color 51.5812, 82.3119, -11.6376.



This preview shows how white text looks on a background with the HunterLab color 51.5812, 82.3119, -11.6376.

-11.6376.

# 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

51.5812, 82.3119, -11.6376

### Protanopia

51.9073, 10.2290, -55.8911

### Deuteranopia

51.7396, 3.2897, -6.6994



## Tritanopia

51.5101, 60.8603, 22.9134

# Trichromacy



## Original Color

51.5812, 82.3119, -11.6376



## Protanomaly

47.2020, 34.6737, -47.7176



## Deuteranomaly

48.3104, 33.5190, -13.3321



## Tritanomaly

51.0390, 68.4903, 13.0988

# Monochromacy



## Original Color

51.5812, 82.3119, -11.6376



## Achromatopsia

45.6768, -2.4372, 2.4817



## Achromatomaly

44.4872, 29.0911, -6.7114

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.5812, 82.3119, -11.6376 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, 51, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 172)  
}
```

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, 51, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 172) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.5812, 82.3119, -11.6376 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, 51, 172) }
```



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

```
.border{ border-color:rgb(255, 51, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
172) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.5812, 82.3119, -11.6376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 172) }
```

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

```
.background{ background-color: rgb(255, 51,  
172) }
```

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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