

# Converting Colors

HunterLab(80.4773, 131.2651,  
10.9802)

Have a look what the booklet for  
HunterLab(80.4773, 131.2651,  
10.9802) contains.

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# Color

**HunterLab(53.9850, 82.8060,  
-25.9734)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF40C9
RGB	255, 64, 201
RGB Percent	100%, 25%, 79%
CMY	0.0000, 0.7490, 0.2118
CMYK	0.00, 0.75, 0.21, 0.00
HSL	317°, 100%, 63%
HSV	317°, 75%, 100%
XYZ	53.6160, 29.1438, 58.0577
YIQ	136.7270, 69.8590, 83.0990

# Conversions

## Conversions Part 2

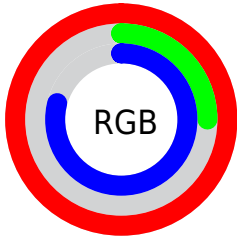
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 64, 201
Decimal	16728265
CIE Lab	60.91, 81.63, -29.58
CIE LCh	61, 86.820, 340.082
Yxy	29.1452, 0.3807, 0.2070
Android (android.graphics.Color)	4294918345 (0xFFFF40C9)
YUV	136.7270, 31.6866, 103.7254
Hunter-Lab	53.9850, 82.8060, -25.9734

# Details

The HunterLab color **53.9850, 82.8060, -25.9734** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **85.9760, -65.0325, 40.0173**, and the grayscale version is **49.7684, -2.6555, 2.7040**.

A 20% lighter version of the original color is **66.4684, 63.9845, -42.3127**, and **36.8455, 68.8162, -20.5099** is the 20% darker color. If you saturate the color by 10%, you get **51.5411, 88.7277, -25.2578**, and if you desaturate by 10%, it is **57.4932, 74.0773, -24.9555**.

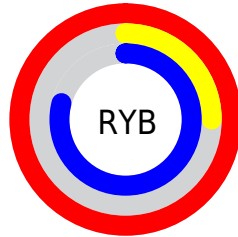
# Distribution



Red (100%)

Green (25%)

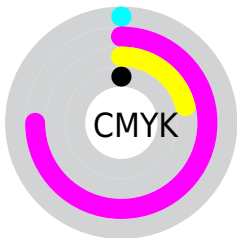
Blue (79%)



Red (100%)

Yellow (25%)

Blue (79%)

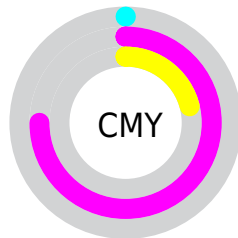


Cyan (0%)

Magenta (75%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.9850, 82.8060, -25.9734 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 53.9850, 82.8060, -25.9734 by changing the saturation by 10% instead.



53.9850, 82.8060,  
-25.9734

53.9850, 82.8060,  
-25.9734

172.5976,  
102.1898, -28.6134

43.8072, 80.3133,  
-25.4217

76.3595, 87.6774,  
-26.9299

34.3630, 77.8801,  
-24.8457

88.4785, 90.0089,  
-27.3282

25.7161, 75.6686,  
-24.2865

101.1785, 92.2554,  
-27.6716

17.9482, 74.0733,  
-23.8515

114.4339, 94.4140,  
-27.9610

11.1731, 74.1953,  
-23.8498

128.2223, 96.4848,  
-28.1981

3.1732, 152.2290,  
-49.2981

142.5240, 98.4694,

0.0000, INF, -NF

-28.3846

0.0000, NaN, NaN

157.3212,  
100.3701, -28.5224

0.0000, NaN, NaN

■ 53.9850, 82.8060,  
-25.9734

■ 53.9850, 82.8060,  
-25.9734

■ 51.5411, 88.7277,  
-25.2578

■ 57.4932, 74.0773,  
-24.9555

■ 50.1179, 91.4737,  
-22.8558

■ 62.0098, 63.3107,  
-22.4226

■ 49.6737, 91.9420,  
-21.1901

■ 67.4344, 51.2998,  
-18.6999

■ 73.6485, 38.6852,  
-14.1136

■ 80.5374, 25.8985,  
-8.9311

87.9996, 13.1920,  
-3.3484

95.9501, 0.6928,  
2.5001

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.



53.9863, 51.7054, -80.0598



53.9850, 82.8060, -25.9734



53.9863, 87.8082, 13.6014

# Triad

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



53.9863, 82.8020, -25.9715



53.9863, -14.9125, 36.2263



53.9863, -47.6480, -62.3332

# Complementary

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



53.9850, 82.8060, -25.9734



85.9760, -65.0325, 40.0173

# 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.



53.9863, -57.0364, -10.4713



53.9850, 82.8060, -25.9734



53.9863, -41.8450, 33.4589

# Square

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



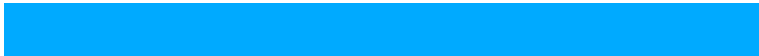
53.9863, 82.8020, -25.9715



53.9863, 23.8850, 35.8104



53.9863, -55.2498, 21.4449



53.9863, -25.2772, -109.1721



# Rectangle

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



53.9850, 82.8060, -25.9734



53.9863, 74.5648, 27.2227



53.9863, -55.2498, 21.4449



53.9863, -52.1081, -43.8674

# Sweetspot

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



53.9863, 82.8020, -25.9715



82.6444, 22.2013, -7.3479



38.1170, 59.4852, -122.6309



37.3220, 11.8722, -4.0855

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.9863, 82.8020, -25.9715



50.6946, 90.5249, -24.2272



51.0129, 71.0275, 16.0007



42.6704, 2.9708, -0.1022



35.9444, 66.5947, -15.8331



11.2992, 21.0769, -6.0830



# Inverse Universe

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



53.9863, 82.8020, -25.9715



50.6946, 90.5249, -24.2272



87.9121, -53.2127, 11.9255



42.6704, 2.9708, -0.1022



35.9444, 66.5947, -15.8331



11.2992, 21.0769, -6.0830



# Previews

## White Background



This preview shows how the HunterLab color 53.9850, 82.8060, -25.9734 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

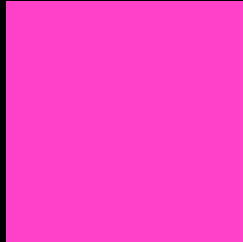
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 53.9850, 82.8060, -25.9734 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

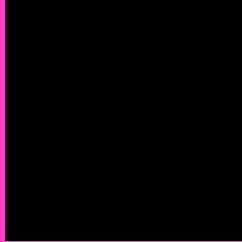
Any Text WCAG AA ✓ Pass

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 53.9850, 82.8060, -25.9734 Background



This preview shows how black text looks on a background with the HunterLab color 53.9850, 82.8060, -25.9734.



This preview shows how white text looks on a background with the HunterLab color 53.9850, 82.8060, -25.9734.

-25.9734.

# 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

53.9850, 82.8060, -25.9734

### Protanopia

54.5050, 12.5352, -69.1083

### Deuteranopia

54.2747, 3.9047, -19.7045



## Tritanopia

53.7753, 53.8943, 20.2202

# Trichromacy



## Original Color

53.9850, 82.8060, -25.9734



## Protanomaly

50.1295, 34.9513, -61.4585



## Deuteranomaly

51.1953, 32.5771, -26.9923



## Tritanomaly

53.2122, 63.9519, 7.1176

# Monochromacy



## Original Color

53.9850, 82.8060, -25.9734



## Achromatopsia

50.0158, -2.6687, 2.7175



## Achromatomaly

48.3665, 28.8195, -10.4611

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.9850, 82.8060, -25.9734 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, 64, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 201)  
}
```

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, 64, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 201) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.9850, 82.8060, -25.9734 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, 64, 201) }
```



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

```
.border{ border-color:rgb(255, 64, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 64, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
201) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.9850, 82.8060, -25.9734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 201) }
```

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

```
.background{ background-color: rgb(255, 64,  
201) }
```

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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