

# Converting Colors

HunterLab(45.5050, 74.8922,  
2.7425)

Have a look what the booklet for  
HunterLab(45.5050, 74.8922,  
2.7425) contains.

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# Color

**HunterLab(45.5050, 74.8922,  
2.7425)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED2280
RGB	237, 34, 128
RGB Percent	93%, 13%, 50%
CMY	0.0706, 0.8666, 0.4980
CMYK	0.00, 0.86, 0.46, 0.07
HSL	332°, 85%, 53%
HSV	332°, 86%, 93%
XYZ	39.3933, 20.7071, 22.3427
YIQ	105.4130, 90.8140, 72.2700

# Conversions

## Conversions Part 2

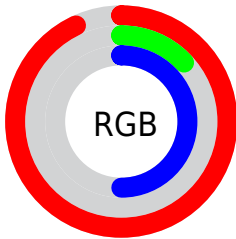
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 34, 128
Decimal	15540864
CIE <sub>Lab</sub>	52.63, 76.98, 0.36
CIE <sub>LCh</sub>	53, 76.980, 0.267
Yxy	20.7083, 0.4778, 0.2512
Android (android.graphics.Color)	4293730944 (0xFFED2280)
YUV	105.4130, 11.1354, 115.4018
Hunter-Lab	45.5050, 74.8922, 2.7425

# Details

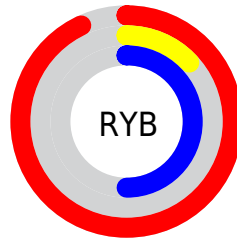
The HunterLab color **45.5050, 74.8922, 2.7425** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **79.3047, -57.9702, 28.4180**, and the grayscale version is **37.6807, -2.0105, 2.0473**.

A 20% lighter version of the original color is **59.0798, 61.9817, -6.3818**, and **31.1102, 55.0917, 6.0370** is the 20% darker color. If you saturate the color by 10%, you get **44.1278, 77.0845, 6.6372**, and if you desaturate by 10%, it is **47.8722, 69.8874, -0.3556**.

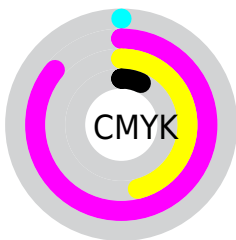
# Distribution



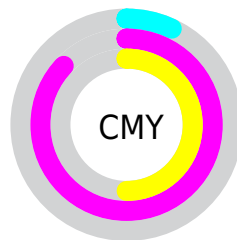
- Red (93%)
- Green (13%)
- Blue (50%)



- Red (93%)
- Yellow (13%)
- Blue (50%)



- Cyan (0%)
- Magenta (86%)
- Yellow (46%)
- Black (7%)




- Cyan (7%)
- Magenta (87%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.5050, 74.8922, 2.7425 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 45.5050, 74.8922, 2.7425 by changing the saturation by 10% instead.





 45.5050, 74.8922,  
2.7425


 45.5050, 74.8922,  
2.7425


159.9137, 93.7974,  
9.1109

 35.9318, 72.4825,  
2.2023


 66.7843, 79.6567,  
3.9387

 27.1426, 70.2002,  
1.7018


 78.4004, 81.9414,  
4.5877


 19.2167, 68.3209,  
1.2457

 90.6212, 84.1400,  
5.2688

 12.2607, 67.6079,  
0.8390

 103.4184, 86.2484,  
5.9806

 5.3946, 88.4381,  
0.5697

 116.7669, 88.2663,  
6.7217

0.0000, INF, NaN

0.0000, INF, NaN

130.6450, 90.1953,

7.4912

0.0000, NaN, NaN

145.0331, 92.0380,  
8.2878

0.0000, NaN, NaN

■ 45.5050, 74.8922,  
2.7425

■ 45.5050, 74.8922,  
2.7425

■ 44.1278, 77.0845,  
6.6372

■ 47.8722, 69.8874,  
-0.3556

■ 43.7314, 77.4523,  
8.4069

■ 51.2514, 62.4614,  
-2.4174

■ 55.5807, 53.3180,  
-3.3949

■ 60.7527, 43.1726,  
-3.3820

■ 66.6484, 32.5749,  
-2.5360

73.1566, 21.8783,  
-1.0212

80.1816, 11.2792,  
1.0189

87.6442, 0.8695,  
3.4695

95.4809, -9.3210,  
6.2426

# Harmonies

## Analogous

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



45.5063, 62.6259, -36.1210



45.5050, 74.8922, 2.7425



45.5063, 62.2034, 22.9360

# Triad

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



45.5063, 74.8876, 2.7438



45.5063, -29.0001, 29.3841



45.5063, -28.6313, -80.7344

# Complementary

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



45.5050, 74.8922, 2.7425



79.3047, -57.9702, 28.4180

# 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.



45.5063, -43.6642, -36.9352



45.5050, 74.8922, 2.7425



45.5063, -43.8330, 22.7250

# Square

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



45.5063, 74.8876, 2.7438



45.5063, -2.7115, 30.6010



45.5063, -48.3793, 2.2086



45.5063, -2.1489, -100.2489



# Rectangle

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



45.5050, 74.8922, 2.7425



45.5063, 42.8606, 28.1892



45.5063, -48.3793, 2.2086



45.5063, -34.9044, -67.3570

# Sweetspot

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



45.5063, 74.8876, 2.7438



79.1591, 24.3053, -1.1987



36.1039, 70.6116, -108.0908



35.4573, 13.1136, -0.8483

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



45.5063, 74.8876, 2.7438



47.5074, 84.1143, 9.3307



44.3749, 67.1540, 26.4950



38.9488, 2.2134, 1.1453



32.3530, 57.3755, 5.6347



9.1716, 16.4622, 0.0694



# Inverse Universe

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



45.5063, 74.8876, 2.7438



47.5074, 84.1143, 9.3307



79.4850, -39.5953, -11.4789



38.9488, 2.2134, 1.1453



32.3530, 57.3755, 5.6347



9.1716, 16.4622, 0.0694



# Previews

## White Background



This preview shows how the HunterLab color 45.5050, 74.8922, 2.7425 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

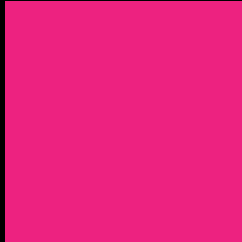
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 45.5050, 74.8922, 2.7425 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 45.5050, 74.8922, 2.7425 Background



This preview shows how black text looks on a background with the HunterLab color 45.5050, 74.8922, 2.7425.



This preview shows how white text looks on a background with the HunterLab color 45.5050, 74.8922,



# 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

45.5050, 74.8922, 2.7425

### Protanopia

45.7397, 4.4490, -27.0197

### Deuteranopia

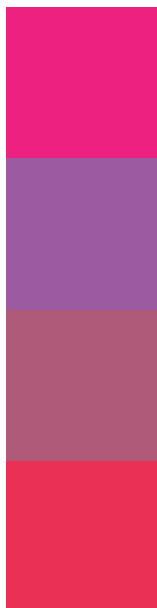
45.7054, 2.8661, 5.9798



## Tritanopia

45.4709, 61.4840, 23.5211

# Trichromacy



## Original Color

45.5050, 74.8922, 2.7425

## Protanomaly

41.3378, 30.4142, -21.6962

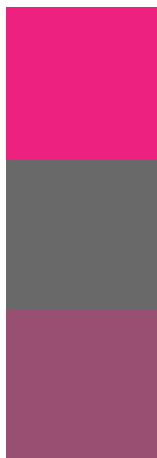
## Deuteranomaly

42.3646, 31.5074, 0.8880

## Tritanomaly

45.1054, 66.1823, 17.6553

# Monochromacy



## Original Color

45.5050, 74.8922, 2.7425

## Achromatopsia

37.5850, -2.0054, 2.0421

## Achromatomaly

36.8192, 27.2593, -1.9924

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 45.5050, 74.8922, 2.7425 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(237, 34, 128)` looks like.

```
.text, #text, p{  
    color:rgb(237, 34, 128)  
}
```

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(237, 34, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 34, 128) }
```

## Border

The CSS property to change the border of an element to HunterLab 45.5050, 74.8922, 2.7425 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(237, 34, 128) }
```



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

```
.border{ border-color:rgb(237, 34, 128) }
```

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

Here you see how a box with a 4 pixel rgb(237, 34, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 34, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 34, 128);  
box-shadow:4px 4px 4px 4px rgb(237, 34,  
128) }
```

# Background

The CSS property to change the background color of an element to HunterLab 45.5050, 74.8922, 2.7425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 34, 128) }
```

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

```
.background{ background-color: rgb(237, 34,  
128) }
```

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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