

# Converting Colors

HunterLab(55.8753, 45.7335,  
-6.7205)

Have a look what the booklet for  
HunterLab(55.8753, 45.7335,  
-6.7205) contains.

<b>HunterLab(55.8753, 45.7335, -6.7205)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(55.8753, 45.7335,  
-6.7205)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E272AD
RGB	226, 114, 173
RGB Percent	89%, 45%, 68%
CMY	0.1137, 0.5529, 0.3216
CMYK	0.00, 0.50, 0.23, 0.11
HSL	328°, 66%, 67%
HSV	328°, 50%, 89%
XYZ	44.9241, 31.2205, 43.1935
YIQ	154.2140, 47.8130, 42.0930

# Conversions

## Conversions Part 2

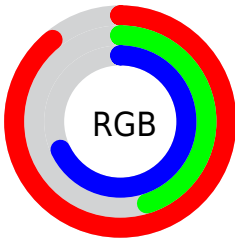
Format	Color
R <sub>YB</sub>	226, 114, 173
Decimal	14840493
CIE <sub>Lab</sub>	62.69, 50.28, -11.27
CIE <sub>LCh</sub>	63, 51.529, 347.361
Yxy	31.2220, 0.3764, 0.2616
Android (android.graphics.Color)	4293030573 (0xFFE272AD)
YUV	154.2140, 9.2615, 62.9563
Hunter-Lab	55.8753, 45.7335, -6.7205

# Details

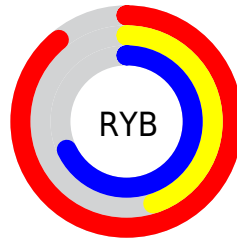
The HunterLab color  $55.8753, 45.7335, -6.7205$  is a light color, and the websafe version is hex `CC6699`. A complement of this color would be  $77.9493, -42.2662, 19.4821$ , and the grayscale version is  $56.8838, -3.0352, 3.0906$ .

A 20% lighter version of the original color is  $74.3218, 36.6917, -12.1145$ , and  $35.9681, 42.3427, -6.9136$  is the 20% darker color. If you saturate the color by 10%, you get  $51.3227, 55.1790, -7.0628$ , and if you desaturate by 10%, it is  $61.1526, 35.6422, -5.4984$ .

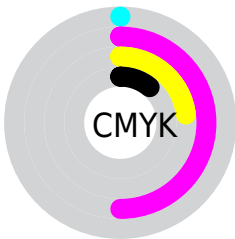
# Distribution



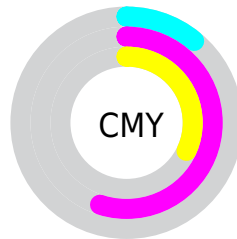
- Red (89%)
- Green (45%)
- Blue (68%)



- Red (89%)
- Yellow (45%)
- Blue (68%)



- Cyan (0%)
- Magenta (50%)
- Yellow (23%)
- Black (11%)














- Cyan (11%)
- Magenta (55%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8753, 45.7335, -6.7205 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 55.8753, 45.7335, -6.7205 by changing the saturation by 10% instead.



 55.8753, 45.7335, -6.7205	 55.8753, 45.7335, -6.7205
175.3738, 56.7229, -4.1372	 45.5719, 44.0207, -6.7464
 78.4789, 48.8195, -6.4809	 35.9924, 42.2009, -6.7045
 90.7037, 50.2082, -6.2799	 27.1978, 40.2877, -6.5859
 103.5046, 51.5010, -6.0297	 19.2659, 38.3396, -6.3828
116.8567, 52.7040, -5.7333	 12.3031, 36.5505, -6.0920
130.7382, 53.8228, -5.3936	 5.4618, 46.1298, -8.3440
145.1295, 54.8625,	0.0000, INF, NaN

-5.0130

0.0000, NaN, NaN

160.0134, 55.8278,  
-4.5936

0.0000, NaN, NaN

■ 55.8753, 45.7335,  
-6.7205

■ 55.8753, 45.7335,  
-6.7205

■ 51.3227, 55.1790,  
-7.0628

■ 61.1526, 35.6422,  
-5.4984

■ 47.5978, 63.3956,  
-6.3554

■ 67.0438, 25.3250,  
-3.5845

■ 44.7878, 69.6834,  
-4.4970


■ 73.4557, 15.0247,  
-1.1372


■ 42.9227, 73.4600,  
-1.5445


■ 80.3085, 4.8681,  
1.7175


■ 41.8751, 74.7891,  
2.1669

■ 87.5373, -5.0922,  
4.8848

 41.8353, 74.8306,  
2.3325

 95.0895, -14.8456,  
8.2951

 97.1894, -15.7196,  
5.5022

 97.4212, -14.4266,  
2.2001

# Harmonies

## Analogous

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



55.8767, 32.4822, -32.5737



55.8753, 45.7335, -6.7205



55.8767, 44.5192, 13.9679

# Triad

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



55.8767, 45.7305, -6.7191



55.8767, -15.3007, 29.7671



55.8767, -29.3416, -36.4258

# Complementary

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



55.8753, 45.7335, -6.7205



77.9493, -42.2662, 19.4821

# 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.



55.8767, -38.5303, -10.6644



55.8753, 45.7335, -6.7205



55.8767, -31.3475, 24.3331

# Square

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



55.8767, 45.7305, -6.7191



55.8767, 6.7865, 30.1189



55.8767, -39.2013, 11.3076



55.8767, -12.1269, -53.7586



# Rectangle

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



55.8753, 45.7335, -6.7205



55.8767, 35.6685, 22.6755



55.8767, -39.2013, 11.3076



55.8767, -33.3447, -28.0883

# Sweetspot

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



55.8767, 45.7305, -6.7191



87.6729, 12.0152, 0.1037



50.6589, 36.5325, -52.3553



39.7971, 6.7057, -0.2673

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.8767, 45.7305, -6.7191



58.9272, 63.1083, -8.1015



54.3201, 38.4754, 15.5261



37.1760, 2.1981, 0.8103



31.6370, 56.6597, 1.2160



8.4370, 15.3075, -1.2055



# Inverse Universe

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



55.8767, 45.7305, -6.7191



58.9272, 63.1083, -8.1015



79.5355, -32.9040, -3.2229



37.1760, 2.1981, 0.8103



31.6370, 56.6597, 1.2160



8.4370, 15.3075, -1.2055



# Previews

## White Background



This preview shows how the HunterLab color 55.8753, 45.7335, -6.7205 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

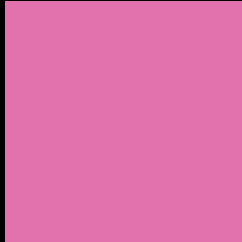
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.8753, 45.7335, -6.7205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

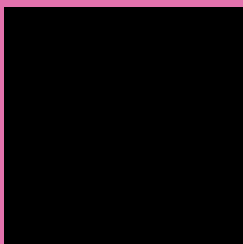
Any Text WCAG AA ✓ Pass

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 55.8753, 45.7335, -6.7205 Background



This preview shows how black text looks on a background with the HunterLab color 55.8753, 45.7335, -6.7205.



This preview shows how white text looks on a background with the HunterLab color 55.8753, 45.7335, -6.7205.

-6.7205.

# 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

55.8753, 45.7335, -6.7205

### Protanopia

56.0940, 3.3929, -21.8458

### Deuteranopia

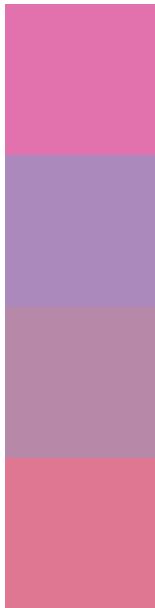
56.0744, 3.9322, -4.0341



## Tritanopia

55.7560, 34.2640, 12.1227

# Trichromacy



## Original Color

55.8753, 45.7335, -6.7205

## Protanomaly

54.9758, 17.1916, -17.7454

## Deuteranomaly

55.3744, 18.2797, -5.7489

## Tritanomaly

55.6390, 38.0702, 5.9723

# Monochromacy



## Original Color

55.8753, 45.7335, -6.7205

## Achromatopsia

56.8457, -3.0331, 3.0885

## Achromatomaly

55.4452, 14.0014, -1.6461

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.8753, 45.7335, -6.7205 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(226, 114, 173)` looks like.

```
.text, #text, p{  
    color:rgb(226, 114, 173)  
}
```

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(226, 114, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 114, 173) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.8753, 45.7335, -6.7205 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(226, 114, 173) }
```



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

```
.border{ border-color:rgb(226, 114, 173) }
```

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

Here you see how a box with a 4 pixel rgb(226, 114, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 114, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 114, 173);  
box-shadow:4px 4px 4px 4px rgb(226, 114,  
173) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.8753, 45.7335, -6.7205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 114, 173) }
```

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

```
.background{ background-color: rgb(226,  
114, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor