

# Converting Colors

Hex(E175A1)

Have a look what the booklet for  
Hex(E175A1) contains.

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# **Color**

**Hex(E175A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E175A1
RGB	225, 117, 161
RGB Percent	88%, 46%, 63%
CMY	0.1176, 0.5412, 0.3686
CMYK	0.00, 0.48, 0.28, 0.12
HSL	336°, 64%, 67%
HSV	336°, 48%, 88%
XYZ	43.8456, 31.3033, 37.4494
YIQ	154.3080, 50.2440, 36.5800

# Conversions

## Conversions Part 2

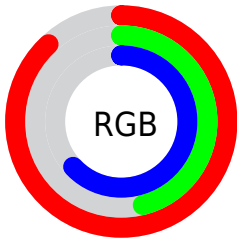
Format	Color
R <sub>Y</sub> B	225, 117, 161
Decimal	14775713
CIE Lab	62.76, 46.84, -4.33
CIE LCh	63, 47.041, 354.719
Yxy	31.3033, 0.3894, 0.2780
Android (android.graphics.Color)	4292965793 (0xFFE175A1)
YUV	154.3080, 3.2992, 61.9969
Hunter-Lab	55.9494, 41.9730, -0.5209

# Details

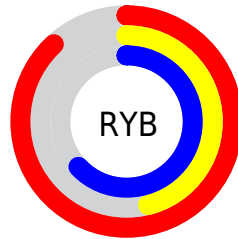
The Hex color **E175A1** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75E1B5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFACD8**, and **A7406E** is the 20% darker color. If you saturate the color by 10%, you get **E15F94**, and if you desaturate by 10%, it is **E18BAE**.

# Distribution



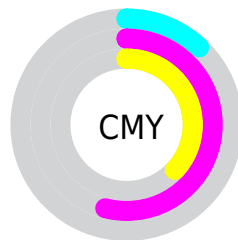
- Red (88%)
- Green (46%)
- Blue (63%)



- Red (88%)
- Yellow (46%)
- Blue (63%)



- Cyan (0%)
- Magenta (48%)
- Yellow (28%)
- Black (12%)



- Cyan (12%)
- Magenta (54%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E175A1 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 Hex color E175A1 by changing the saturation by 10% instead.



 E175A1

 E175A1

FFFFFF

 C45A87

 FFACD8

 A7406E

 FFC8F4

 8B2555

 FFE4FF

 6F003E


 540028

 3B0014

 1D0001

 000000

 E175A1

 E175A1

 E15F94


 E18BAE

 E14886

 E1A2BC

 E13179

 E1B9C9

 E11B6C

 E1CFD6

 E1055E

 E1E6E4

 E1005C

 E1FCF1

 E1FFFE

 E1FFFF

# Harmonies

## Analogous

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



C480C9



E175A1



E67777

# Triad

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



E175A1



8EA049



00A8DB

# Complementary

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



E175A1



75E1B5

# 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.



00ADB9



E175A1



5BA866

# Square

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



E175A1



B79342



00AD8F



339EEB

# Rectangle

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



E175A1



DD7F5F



00AD8F



00AAD2



# Sweetspot

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



E175A1



FFDBEA



B475E1



806A73



000000



808080



# Same Dimension

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



E175A1



FF6BA7



E17E75



70656A



B00048



300014



# Inverse Universe

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



E175A1



FF6BA7



75D8E1



70656A



B00048



300014



# Previews

## White Background



This preview shows how the Hex color E175A1 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



## 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](#).



## Hex E175A1 Background



This preview shows how black text looks on a background with the Hex color E175A1.



This preview shows how white text looks on a background with the Hex color E175A1.

# 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





**Tritanopia**  
DE7B84

# Trichromacy



**Original Color**  
E175A1



**Protanomaly**  
AF8BAE



**Deuteranomaly**  
BB899E

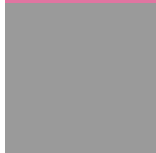


**Tritanomaly**  
DF798F

# Monochromacy



**Original Color**  
E175A1



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
B48D9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E175A1 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 #E175A1 looks like.

```
.text, #text, p{  
    color:#E175A1  
}
```

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 #E175A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E175A1
}
```

## Border

The CSS property to change the border of an element to Hex E175A1 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
#E175A1 }
```

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

```
.border{ border-color:#E175A1 }
```

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

Here you see how a box with a 4 pixel #E175A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E175A1; -webkit-box-shadow:4px 4px  
4px 4px #E175A1; box-shadow:4px 4px 4px  
4px #E175A1 }
```

# Background

The CSS property to change the background color of an element to Hex E175A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E175A1 }
```

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

```
.background{ background-color:#E175A1 }
```

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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