

# Converting Colors

Hex(E41786)

Have a look what the booklet for  
Hex(E41786) contains.

<b>Hex(E41786)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(E41786)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E41786
RGB	228, 23, 134
RGB Percent	89%, 9%, 53%
CMY	0.1059, 0.9098, 0.4745
CMYK	0.00, 0.90, 0.41, 0.11
HSL	328°, 82%, 49%
HSV	328°, 90%, 89%
XYZ	36.6044, 18.8280, 24.2592
YIQ	96.9490, 86.5490, 77.9810

# Conversions

## Conversions Part 2

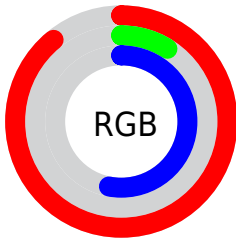
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 23, 134
Decimal	14948230
CIE <sub>Lab</sub>	50.49, 77.20, -6.62
CIE <sub>LCh</sub>	50, 77.485, 355.102
Yxy	18.8280, 0.4593, 0.2363
Android (android.graphics.Color)	4293138310 (0xFFE41786)
YUV	96.9490, 18.2661, 114.9317
Hunter-Lab	43.3912, 74.6460, -2.7740

# Details

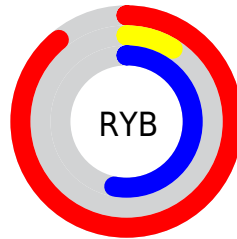
The Hex color **E41786** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **17E475**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF64BB**, and **A60055** is the 20% darker color. If you saturate the color by 10%, you get **E4007C**, and if you desaturate by 10%, it is **E42E90**.

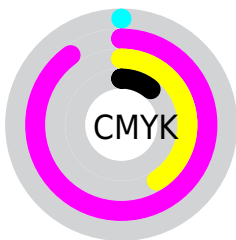
# Distribution



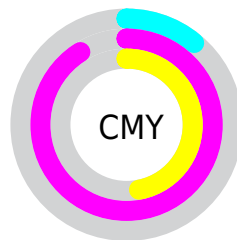
- Red (89%)
- Green (9%)
- Blue (53%)



- Red (89%)
- Yellow (9%)
- Blue (53%)



- Cyan (0%)
- Magenta (90%)
- Yellow (41%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E41786 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 E41786 by changing the saturation by 10% instead.



 E41786

 E41786

FFFFFF

 C5006D

 FF64BB

 A60055

 FF83D7

 88003E

 FFA1F3

 6A0028

 FFBEFF

 4E0014

 FFDDFF

 2F0002

 FFFBFF

 000000

 E41786

 E41786

 E4007C

 E42E90

 E4007B

 E4459B

 E45BA5

 E472B0

 E489BA

 E4A0C5

 E4B7CF

 E4CDDA

 E4E4E4

# Harmonies

## Analogous

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



BB45C5



E41786



E62945

# Triad

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



E41786



5C8500



0090E5

# Complementary

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



E41786



17E475

# 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.



0094AF



E41786



008F22

# Square

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



E41786



9B7200



00936B



0084FD

# Rectangle

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



E41786



D64618



00936B



0092D5



# Sweetspot

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



E41786



FFBADF



7317E4



80576D



000000



808080



# Same Dimension

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



E41786



FF008A



E41721



73676D



B30061



33001C



# Inverse Universe

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



E41786



FF008A



17E4DA



73676D



B30061



33001C



# Previews

## White Background



This preview shows how the Hex color E41786 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



## 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](#).



## Hex E41786 Background



This preview shows how black text looks on a background with the Hex color E41786.



This preview shows how white text looks on a background with the Hex color E41786.

# 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**  
E0383A

# Trichromacy



**Original Color**  
E41786



**Protanomaly**  
8F54AA



**Deuteranomaly**  
A65380



**Tritanomaly**  
E12C56

# Monochromacy



**Original Color**  
E41786



**Achromatopsia**  
616161



**Achromatomaly**  
91466E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E41786 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 #E41786 looks like.

```
.text, #text, p{  
    color:#E41786  
}
```

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 #E41786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E41786
}
```

## Border

The CSS property to change the border of an element to Hex E41786 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
#E41786 }
```

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

```
.border{ border-color:#E41786 }
```

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

Here you see how a box with a 4 pixel #E41786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E41786; -webkit-box-shadow:4px 4px  
4px 4px #E41786; box-shadow:4px 4px 4px  
4px #E41786 }
```

# Background

The CSS property to change the background color of an element to Hex E41786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E41786 }
```

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

```
.background{ background-color:#E41786 }
```

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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