

# Converting Colors

Hex(E21580)

Have a look what the booklet for  
Hex(E21580) contains.

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# Color

**Hex(E21580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E21580
RGB	226, 21, 128
RGB Percent	89%, 8%, 50%
CMY	0.1137, 0.9176, 0.4980
CMYK	0.00, 0.91, 0.43, 0.11
HSL	329°, 83%, 48%
HSV	329°, 91%, 89%
XYZ	35.5285, 18.2636, 22.0747
YIQ	94.4930, 87.8330, 76.7370

# Conversions

## Conversions Part 2

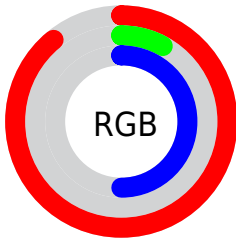
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 21, 128
Decimal	14816640
CIE <sub>Lab</sub>	49.81, 76.49, -4.02
CIE <sub>LCh</sub>	50, 76.600, 356.992
Yxy	18.2636, 0.4683, 0.2407
Android (android.graphics.Color)	4293006720 (0xFFE21580)
YUV	94.4930, 16.5190, 115.3316
Hunter-Lab	42.7359, 73.6080, -0.7104

# Details

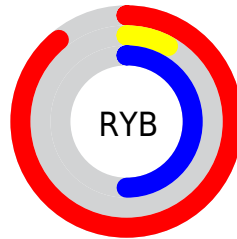
The Hex color **E21580** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **15E277**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF63B5**, and **A4004F** is the 20% darker color. If you saturate the color by 10%, you get **E20076**, and if you desaturate by 10%, it is **E22C8B**.

# Distribution



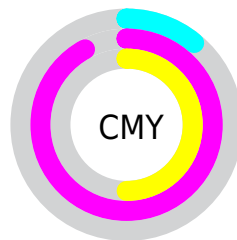
- Red (89%)
- Green (8%)
- Blue (50%)



- Red (89%)
- Yellow (8%)
- Blue (50%)



- Cyan (0%)
- Magenta (91%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (92%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E21580 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 E21580 by changing the saturation by 10% instead.



 E21580

 E21580

FFFFFF

 C30067

 FF63B5

 A4004F

 FF81D0

 860038

 FF9FEC

 680023

 FFBDFE

 4D000D

 FFD8FF

 2D0001

 FFF9FF

 000000

 E21580

 E21580

 E20076

 E22C8B

 E24296

 E259A0

 E26FAB

 E286B6

 E29DC1

 E2B3CC

 E2CAD6

 E2E0E1

# Harmonies

## Analogous

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



BC41BF



E21580



E22B40

# Triad

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



E21580



568400



008EE4

# Complementary

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



E21580



15E277

# 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.



0092B0



E21580



008D27

# Square

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



E21580



967200



00916E



0081FA

# Rectangle

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



E21580



D14812



00916E



0090D5



# Sweetspot

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



E21580



FFBADE



7515E2



80576C



000000



808080



# Same Dimension

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



E21580



FF0085



E2151C



70656B



B0005C



300019



# Inverse Universe

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



E21580



FF0085



15E2DB



70656B



B0005C



300019



# Previews

## White Background



This preview shows how the Hex color E21580 looks on a white 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

# 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 E21580 Background



This preview shows how black text looks on a background with the Hex color E21580.

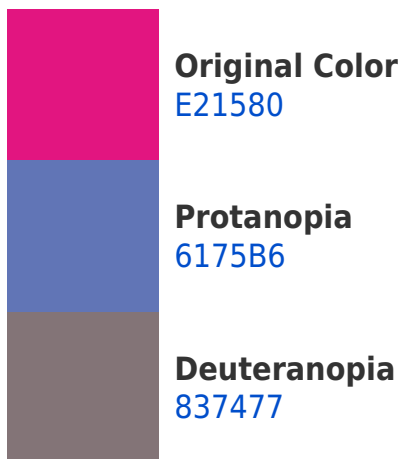


This preview shows how white text looks on a background with the Hex color E21580.

# 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





# Trichromacy



**Original Color**  
E21580



**Protanomaly**  
9052A2



**Deuteranomaly**  
A6517A



**Tritanomaly**  
DF2952

# Monochromacy



**Original Color**  
E21580



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
8E436A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E21580 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 #E21580 looks like.

```
.text, #text, p{  
    color:#E21580  
}
```

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 #E21580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E21580
}
```

## Border

The CSS property to change the border of an element to Hex E21580 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
#E21580 }
```

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

```
.border{ border-color:#E21580 }
```

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

Here you see how a box with a 4 pixel #E21580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E21580; -webkit-box-shadow:4px 4px  
4px 4px #E21580; box-shadow:4px 4px 4px  
4px #E21580 }
```

# Background

The CSS property to change the background color of an element to Hex E21580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E21580 }
```

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

```
.background{ background-color:#E21580 }
```

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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