

Converting Colors

Hex(ED0580)

Have a look what the booklet for
Hex(ED0580) contains.

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Color

Hex(ED0580)

Conversions

Conversions Part 1

Format	Color
Hex	ED0580
RGB	237, 5, 128
RGB Percent	93%, 2%, 50%
CMY	0.0706, 0.9804, 0.4980
CMYK	0.00, 0.98, 0.46, 0.07
HSL	328°, 96%, 47%
HSV	328°, 98%, 93%
XYZ	38.8756, 19.6716, 22.1701
YIQ	88.3900, 98.7890, 87.4370

Conversions

Conversions Part 2

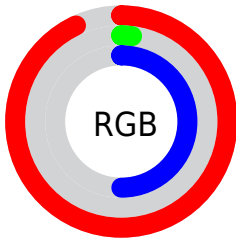
Format	Color
R_{YB}	237, 5, 128
Decimal	15533440
CIE _{Lab}	51.46, 80.36, -1.34
CIE _{LCh}	51, 80.369, 359.042
Yxy	19.6716, 0.4816, 0.2437
Android (android.graphics.Color)	4293723520 (0xFFED0580)
YUV	88.3900, 19.5277, 130.3310
Hunter-Lab	44.3527, 78.8401, 1.4102

Details

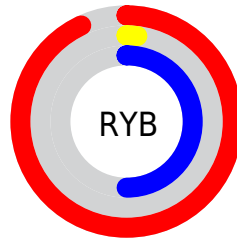
The Hex color **ED0580** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **05ED72**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF61B5**, and **AE004F** is the 20% darker color. If you saturate the color by 10%, you get **ED007E**, and if you desaturate by 10%, it is **ED1D8B**.

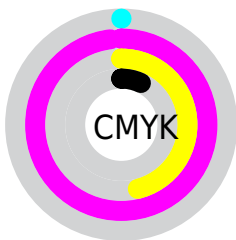
Distribution



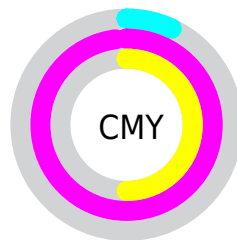
- Red (93%)
- Green (2%)
- Blue (50%)



- Red (93%)
- Yellow (2%)
- Blue (50%)



- Cyan (0%)
- Magenta (98%)
- Yellow (46%)
- Black (7%)



- Cyan (7%)
- Magenta (98%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED0580 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 ED0580 by changing the saturation by 10% instead.

 ED0580

 ED0580

FFFFFF

 CE0067

 FF61B5

 AE004F

 FF80D0

 900039

 FF9FEC

 710024

 FFBDFE

 54000D

 FFD8E6

 350002

 FFFAFA

 010000

 000000

 ED0580

 ED0580

ED007E

ED1D8B

ED3496

ED4CA1

ED64AD

ED7CB8

ED93C3

EDABCE

EDC3D9

EDDAE4

Harmonies

Analogous

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



C83EC3



ED0580



EA2C3D

Triad

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



ED0580



528900



0093F1

Complementary

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



ED0580



05ED72

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.



0097BC



ED0580



00932C

Square

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



ED0580



977700



009776



0085FF

Rectangle

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



ED0580



D84C06



009776



0095E2

Sweetspot

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



ED0580



FFB5DC



7105ED



80536B



000000



808080

Same Dimension

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



ED0580



FF0087



ED050D



756A70



B50060



36001C

Inverse Universe

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



ED0580



FF0087



05EDE5



756A70



B50060



36001C

Previews

White Background



This preview shows how the Hex color ED0580 looks on a white background.

Color Contrast Check

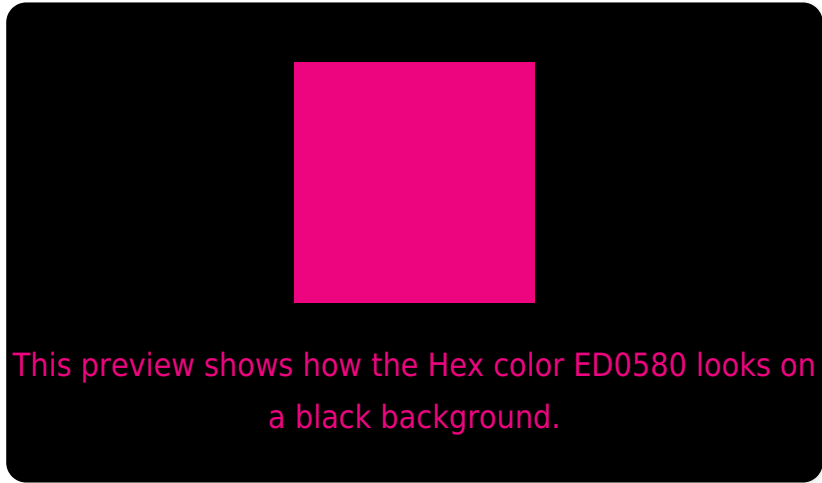
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED0580 Background



This preview shows how black text looks on a background with the Hex color ED0580.



This preview shows how white text looks on a background with the Hex color ED0580.

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
E93334

Trichromacy



Original Color
ED0580



Protanomaly
984FA4



Deuteranomaly
AE4E7A



Tritanomaly
EA2250

Monochromacy



Original Color
ED0580



Achromatopsia
585858



Achromatomaly
8E3A67

CSS Examples

Text

The CSS property to change the color of the text to Hex ED0580 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 #ED0580 looks like.

```
.text, #text, p{  
    color:#ED0580  
}
```

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 #ED0580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED0580
}
```

Border

The CSS property to change the border of an element to Hex ED0580 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
#ED0580 }
```

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

```
.border{ border-color:#ED0580 }
```

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

Here you see how a box with a 4 pixel #ED0580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED0580; -webkit-box-shadow:4px 4px  
4px 4px #ED0580; box-shadow:4px 4px 4px  
4px #ED0580 }
```

Background

The CSS property to change the background color of an element to Hex ED0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED0580 }
```

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

```
.background{ background-color:#ED0580 }
```

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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