

Converting Colors

Hex(ED2080)

Have a look what the booklet for
Hex(ED2080) contains.

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Color

Hex(ED2080)

Conversions

Conversions Part 1

Format	Color
Hex	ED2080
RGB	237, 32, 128
RGB Percent	93%, 13%, 50%
CMY	0.0706, 0.8745, 0.4980
CMYK	0.00, 0.86, 0.46, 0.07
HSL	332°, 85%, 53%
HSV	332°, 86%, 93%
XYZ	39.3378, 20.5961, 22.3242
YIQ	104.2390, 91.3640, 73.3160

Conversions

Conversions Part 2

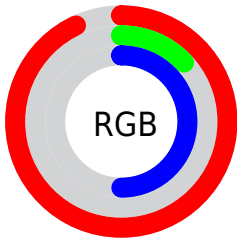
Format	Color
RYB	237, 32, 128
Decimal	15540352
CIELab	52.50, 77.34, 0.18
CIElCh	53, 77.337, 0.132
Yxy	20.5961, 0.4782, 0.2504
Android (android.graphics.Color)	4293730432 (0xFFED2080)
YUV	104.2390, 11.7142, 116.4314
Hunter-Lab	45.3829, 75.3036, 2.6028

Details

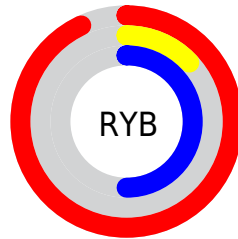
The Hex color **ED2080** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **20ED8D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF69B5**, and **AF004F** is the 20% darker color. If you saturate the color by 10%, you get **ED0873**, and if you desaturate by 10%, it is **ED388D**.

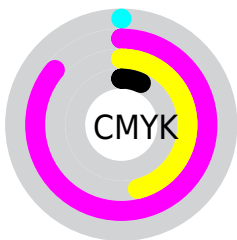
Distribution



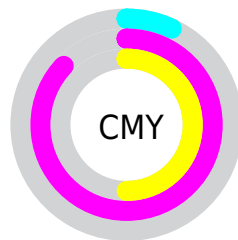
- Red (93%)
- Green (13%)
- Blue (50%)



- Red (93%)
- Yellow (13%)
- Blue (50%)



- Cyan (0%)
- Magenta (86%)
- Yellow (46%)
- Black (7%)



- Cyan (7%)
- Magenta (87%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED2080 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 ED2080 by changing the saturation by 10% instead.

 ED2080

 ED2080

FFFFFF

 CE0067

 FF69B5

 AF004F

 FF88D0

 900039

 FFA6EC

 720024

 FFC4FF

 55000D

 FFE2FF

 360002

 050000

 000000

 ED2080

 ED2080

 ED0873

 ED388D

 ED006F

 ED4F99

 ED67A6

 ED7FB2

 ED97BF

 EDAECC

 EDC6D8

 EDDEE5

 EDF5F1

Harmonies

Analogous

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



CB44C1



ED2080



EA383F

Triad

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



ED2080



558C00



0094F1

Complementary

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



ED2080



20ED8D

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.



0099BF



ED2080



009535

Square

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



ED2080



987B00



00997C



0086FF

Rectangle

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



ED2080



D7520E



00997C



0097E3

Sweetspot

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



ED2080



FFBDDC



8A20ED



80586A



000000



808080

Same Dimension

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



ED2080



FF0077



ED2320



756A6F



B50055



360019

Inverse Universe

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



ED2080



FF0077



20EAED



756A6F



B50055



360019

Previews

White Background



This preview shows how the Hex color ED2080 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 ED2080 Background



This preview shows how black text looks on a background with the Hex color ED2080.

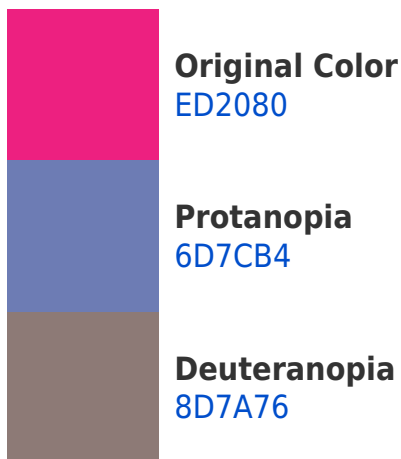


This preview shows how white text looks on a background with the Hex color ED2080.

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
E9393B

Trichromacy



Original Color
ED2080



Protanomaly
9C5BA1



Deuteranomaly
B0597A



Tritanomaly
EA3054

Monochromacy



Original Color
ED2080



Achromatopsia
686868



Achromatomaly
984E71

CSS Examples

Text

The CSS property to change the color of the text to Hex ED2080 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 #ED2080 looks like.

```
.text, #text, p{  
    color:#ED2080  
}
```

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 #ED2080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED2080
}
```

Border

The CSS property to change the border of an element to Hex ED2080 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
#ED2080 }
```

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

```
.border{ border-color:#ED2080 }
```

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

Here you see how a box with a 4 pixel #ED2080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED2080; -webkit-box-shadow:4px 4px  
4px 4px #ED2080; box-shadow:4px 4px 4px  
4px #ED2080 }
```

Background

The CSS property to change the background color of an element to Hex ED2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED2080 }
```

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

```
.background{ background-color:#ED2080 }
```

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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