

# Converting Colors

Hex(F80E62)

Have a look what the booklet for  
Hex(F80E62) contains.

<b>Hex(F80E62)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F80E62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F80E62
RGB	248, 14, 98
RGB Percent	97%, 5%, 38%
CMY	0.0275, 0.9451, 0.6157
CMYK	0.00, 0.94, 0.60, 0.03
HSL	338°, 94%, 51%
HSV	338°, 94%, 97%
XYZ	41.0730, 21.1524, 13.4733
YIQ	93.5420, 112.5000, 75.7320

# Conversions

## Conversions Part 2

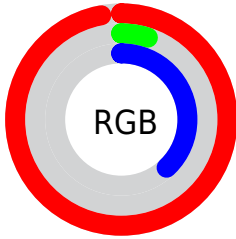
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 14, 98
Decimal	16256610
CIE Lab	53.12, 80.10, 19.50
CIE LCh	53, 82.442, 13.683
Yxy	21.1524, 0.5426, 0.2794
Android (android.graphics.Color)	4294446690 (0xFFFF80E62)
YUV	93.5420, 2.1978, 135.4597
Hunter-Lab	45.9917, 78.9245, 14.8252

# Details

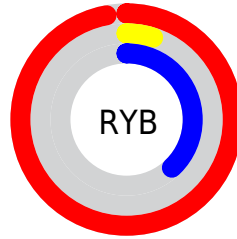
The Hex color **F80E62** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **0EF8A4**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6494**, and **B80034** is the 20% darker color. If you saturate the color by 10%, you get **F80059**, and if you desaturate by 10%, it is **F82772**.

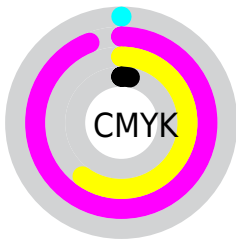
# Distribution



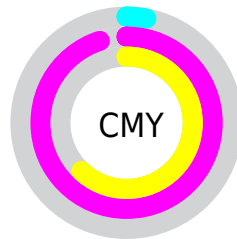
- Red (97%)
- Green (5%)
- Blue (38%)



- Red (97%)
- Yellow (5%)
- Blue (38%)



- Cyan (0%)
- Magenta (94%)
- Yellow (60%)
- Black (3%)



- Cyan (3%)
- Magenta (95%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F80E62 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 F80E62 by changing the saturation by 10% instead.



 F80E62

 F80E62

FFFFFF

 D8004B

 FF6494

 B80034

 FF83AF

 980020

 FFA2CA

 780009


 FFC0E6

 590004

 FFDEFF

 3A0002

 FFFDFD

 110000

 000000

 F80E62

 F80E62

 F80059

 F82772

 F84082

 F85892

 F871A2

 F88AB1

 F8A3C1

 F8BCD1

 F8D4E1

 F8EDF1

# Harmonies

## Analogous

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



E725A9



F80E62



E5461B

# Triad

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



F80E62



109400



0092FF

# Complementary

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



F80E62



0EF8A4

# 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.



009BE0



F80E62



009A54

# Square

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



F80E62



7C8600



009D9F



007DFF

# Rectangle

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



F80E62



CA6200



009D9F



0096FF



# Sweetspot

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



F80E62



FFB8D1



A20EF8



805464



000000



808080



# Same Dimension

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



F80E62



FF005C



F82D0E



7D7075



BD0044



3D0016



# Inverse Universe

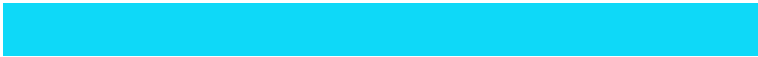
The Inverse Universe completely reimagines the original color for something new.



F80E62



FF005C



0ED9F8



7D7075



BD0044



3D0016



# Previews

## White Background



This preview shows how the Hex color F80E62 looks on a white background.

## Color Contrast Check

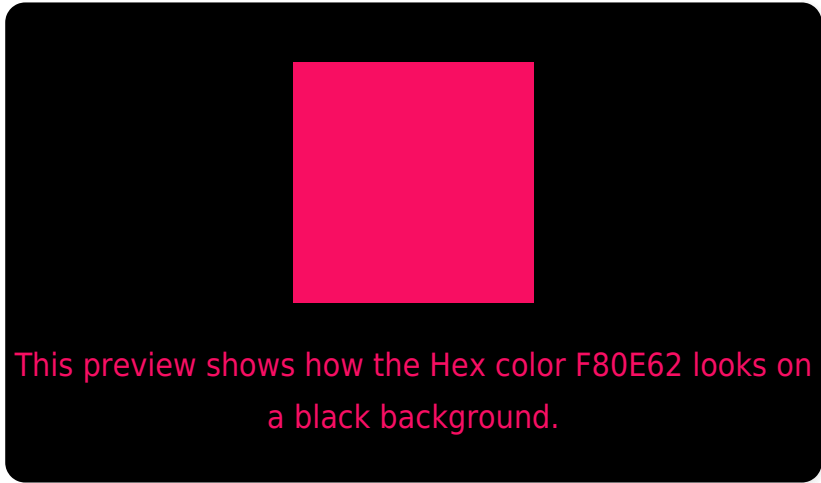
Large Text (above 18pt) WCAG AA ✓ Pass

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 F80E62 Background



This preview shows how black text looks on a background with the Hex color F80E62.

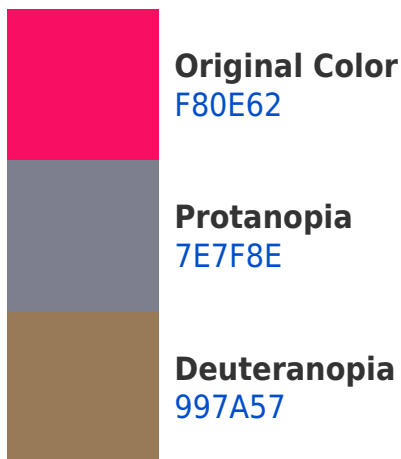


This preview shows how white text looks on a background with the Hex color F80E62.

# 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**  
F80E62



**Protanomaly**  
AA567E



**Deuteranomaly**  
BC535B

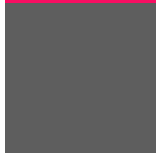


**Tritanomaly**  
F71F3C

# Monochromacy



**Original Color**  
F80E62



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
96415F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F80E62 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 #F80E62 looks like.

```
.text, #text, p{  
  color:#F80E62  
}
```

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 #F80E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F80E62
}
```

## Border

The CSS property to change the border of an element to Hex F80E62 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".

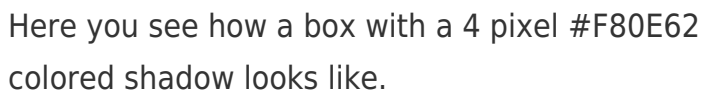
```
.border, #border, table{ border:4px solid
#F80E62 }
```

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

```
.border{ border-color:#F80E62 }
```

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

Here you see how a box with a 4 pixel #F80E62 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F80E62; -webkit-box-shadow:4px 4px  
4px 4px #F80E62; box-shadow:4px 4px 4px  
4px #F80E62 }
```

# Background

The CSS property to change the background color of an element to Hex F80E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F80E62 }
```

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

```
.background{ background-color:#F80E62 }
```

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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