

# Converting Colors

Hex(E53F82)

Have a look what the booklet for  
Hex(E53F82) contains.

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# Color

Hex(E53F82)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E53F82
RGB	229, 63, 130
RGB Percent	90%, 25%, 51%
CMY	0.1020, 0.7529, 0.4902
CMYK	0.00, 0.72, 0.43, 0.10
HSL	336°, 76%, 57%
HSV	336°, 72%, 90%
XYZ	38.1199, 21.8247, 23.3225
YIQ	120.2720, 77.4290, 56.0290

# Conversions

## Conversions Part 2

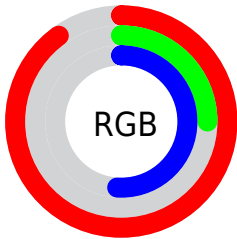
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 63, 130
Decimal	15024002
CIE <sub>Lab</sub>	53.84, 67.69, 0.75
CIE <sub>LCh</sub>	54, 67.697, 0.634
Yxy	21.8247, 0.4578, 0.2621
Android (android.graphics.Color)	4293214082 (0xFFE53F82)
YUV	120.2720, 4.7959, 95.3545
Hunter-Lab	46.7169, 63.8969, 3.1025

# Details

The Hex color **E53F82** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **3FE5A2**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7BB7**, and **A80051** is the 20% darker color. If you saturate the color by 10%, you get **E52874**, and if you desaturate by 10%, it is **E55690**.

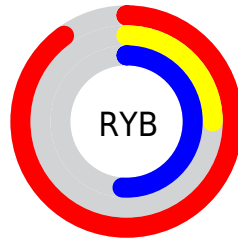
# Distribution



Red (90%)

Green (25%)

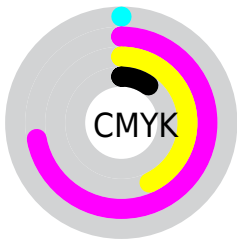
Blue (51%)



Red (90%)

Yellow (25%)

Blue (51%)

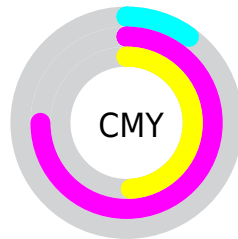


Cyan (0%)

Magenta (72%)

Yellow (43%)

Black (10%)



Cyan (10%)

Magenta (75%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E53F82 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 E53F82 by changing the saturation by 10% instead.



 E53F82

 E53F82

FFFFFF

 C61869

 FF7BB7

 A80051

 FF98D2

 8A003A

 FFB5EF

 6C0025

 FFD3FF

 500010

 FFF0FF

 330002

 000000

 E53F82

 E53F82

 E52874

 E55690

 E51167

 E56D9D

 E5005C

 E584AB

 E59BB9

 E5B2C6

 E5C8D4

 E5DFE2

 E5F6EF

 E5FFFD

# Harmonies

## Analogous

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



C753BB



E53F82



E24B49

# Triad

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



E53F82



5F8E00



0095E6

# Complementary

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



E53F82



3FE5A2

# 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.



009ABB



E53F82



009743

# Square

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



E53F82



9A7F00



009B80



0088F6

# Rectangle

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



E53F82



D25E25



009B80



0098DA



# Sweetspot

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



E53F82



FFC7DE



A03FE5



805E6C



000000



808080



# Same Dimension

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



E53F82



FF217B



E54D3F



73676C



B30048



330015



# Inverse Universe

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



E53F82



FF217B



3FD7E5



73676C



B30048



330015



# Previews

## White Background



This preview shows how the Hex color E53F82 looks on a white background.

## Color Contrast Check

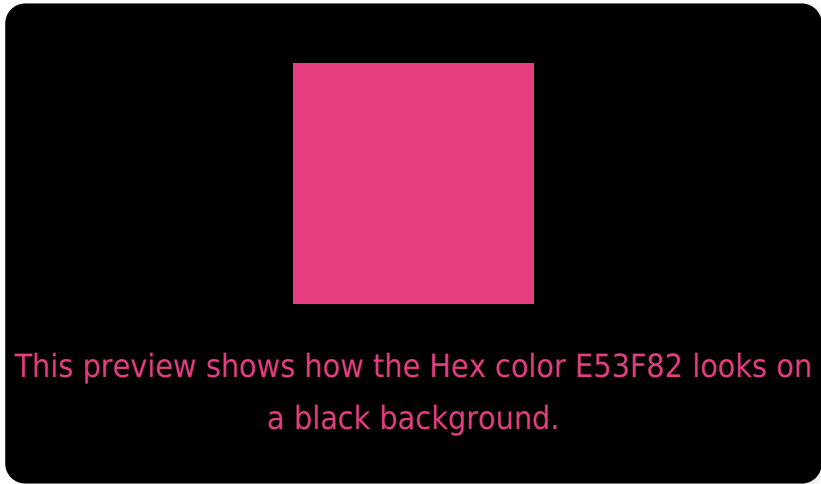
Large Text (above 18pt) WCAG AA ✓ Pass

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 E53F82 Background



This preview shows how black text looks on a background with the Hex color E53F82.



This preview shows how white text looks on a background with the Hex color E53F82.

# 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**  
E24B50

# Trichromacy



**Original Color**  
E53F82



**Protanomaly**  
9E689B



**Deuteranomaly**  
AF667D



**Tritanomaly**  
E34762

# Monochromacy



**Original Color**  
E53F82



**Achromatopsia**  
787878



**Achromatomaly**  
A0637C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E53F82 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 #E53F82 looks like.

```
.text, #text, p{  
    color:#E53F82  
}
```

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 #E53F82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E53F82
}
```

## Border

The CSS property to change the border of an element to Hex E53F82 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
#E53F82 }
```

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

```
.border{ border-color:#E53F82 }
```

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

Here you see how a box with a 4 pixel #E53F82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E53F82; -webkit-box-shadow:4px 4px  
4px 4px #E53F82; box-shadow:4px 4px 4px  
4px #E53F82 }
```

# Background

The CSS property to change the background color of an element to Hex E53F82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E53F82 }
```

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

```
.background{ background-color:#E53F82 }
```

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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