

# Converting Colors

Hex(E55B83)

Have a look what the booklet for  
Hex(E55B83) contains.

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# **Color**

**Hex(E55B83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E55B83
RGB	229, 91, 131
RGB Percent	90%, 36%, 51%
CMY	0.1020, 0.6431, 0.4863
CMYK	0.00, 0.60, 0.43, 0.10
HSL	343°, 73%, 63%
HSV	343°, 60%, 90%
XYZ	40.1509, 25.7789, 24.3324
YIQ	136.8220, 69.4080, 41.6960

# Conversions

## Conversions Part 2

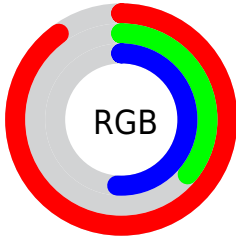
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 91, 131
Decimal	15031171
CIE <sub>Lab</sub>	57.83, 56.95, 5.92
CIE <sub>LCh</sub>	58, 57.254, 5.934
Yxy	25.7789, 0.4448, 0.2856
Android (android.graphics.Color)	4293221251 (0xFFE55B83)
YUV	136.8220, -2.8702, 80.8401
Hunter-Lab	50.7729, 52.3042, 7.1269

# Details

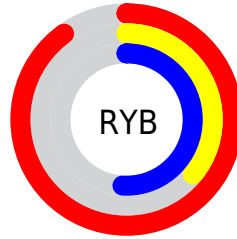
The Hex color **E55B83** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5BE5BD**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF93B8**, and **A91F52** is the 20% darker color. If you saturate the color by 10%, you get **E54473**, and if you desaturate by 10%, it is **E57293**.

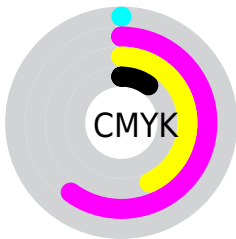
# Distribution



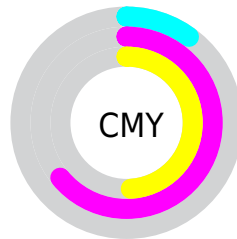
- Red (90%)
- Green (36%)
- Blue (51%)



- Red (90%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (60%)
- Yellow (43%)
- Black (10%)



- Cyan (10%)
- Magenta (64%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E55B83 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 E55B83 by changing the saturation by 10% instead.



 E55B83

 E55B83

FFFFFF

 C73F6A

 FF93B8

 A91F52

 FFAFD3

 8C003B

 FFCCF0

 6F0026

 FFE9FF

 520011

 380002

 0C0000

 000000

 E55B83

 E55B83

 E54473

 E57293

 E52D62

 E589A4

 E51652

 E5A0B4

 E50042

 E5B7C4

 E5CDD4

 E5E4E5

 E5FBF5

 E5FFFF

# Harmonies

## Analogous

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



CF64B5



E55B83



E06553

# Triad

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



E55B83



679933



009BE6

# Complementary

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



E55B83



5BE5BD

# 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.



00A2C4



E55B83



00A060

# Square

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



E55B83



9C8C1A



00A394



258DEF

# Rectangle

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



E55B83



D07238



00A394



009EDD



# Sweetspot

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



E55B83



FFD1DE



BC5BE5



80636C



000000



808080



# Same Dimension

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



E55B83



FF477D



E5775B



73676B



B30034



33000F



# Inverse Universe

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



E55B83



FF477D



5BC9E5



73676B



B30034



33000F



# Previews

## White Background



This preview shows how the Hex color E5B83 looks on a white background.

## Color Contrast Check

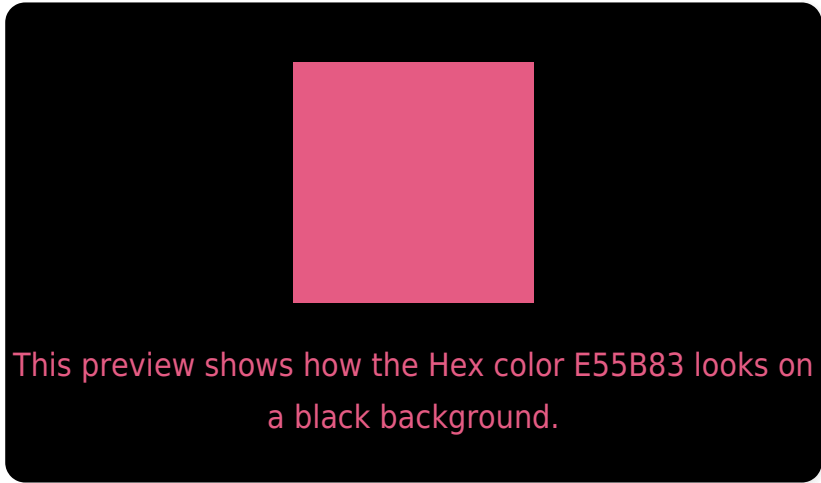
Large Text (above 18pt) WCAG AA ✓ Pass

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 E55B83 Background



This preview shows how black text looks on a background with the Hex color E55B83.



This preview shows how white text looks on a background with the Hex color E55B83.

# 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**  
E36167

# Trichromacy



**Original Color**  
E55B83



**Protanomaly**  
AA7994



**Deuteranomaly**  
B8767F



**Tritanomaly**  
E45F71

# Monochromacy



**Original Color**  
E55B83



**Achromatopsia**  
898989



**Achromatomaly**  
AA7887

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E55B83 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 #E55B83 looks like.

```
.text, #text, p{  
    color:#E55B83  
}
```

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 #E55B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E55B83
}
```

## Border

The CSS property to change the border of an element to Hex E55B83 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
#E55B83 }
```

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

```
.border{ border-color:#E55B83 }
```

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

Here you see how a box with a 4 pixel #E55B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E55B83; -webkit-box-shadow:4px 4px  
4px 4px #E55B83; box-shadow:4px 4px 4px  
4px #E55B83 }
```

# Background

The CSS property to change the background color of an element to Hex E55B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E55B83 }
```

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

```
.background{ background-color:#E55B83 }
```

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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