

# Converting Colors

Hex(ED38A5)

Have a look what the booklet for  
Hex(ED38A5) contains.

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**Color**

**Hex(ED38A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED38A5
RGB	237, 56, 165
RGB Percent	93%, 22%, 65%
CMY	0.0706, 0.7804, 0.3529
CMYK	0.00, 0.76, 0.30, 0.07
HSL	324°, 83%, 57%
HSV	324°, 76%, 93%
XYZ	43.1308, 23.5495, 37.8696
YIQ	122.5450, 72.8870, 72.2710

# Conversions

## Conversions Part 2

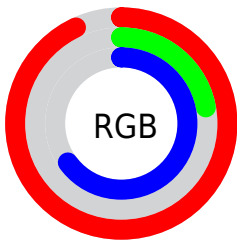
Format	Color
R <sub>Y</sub> B	237, 56, 165
Decimal	15546533
CIE Lab	55.63, 75.46, -17.14
CIE LCh	56, 77.382, 347.200
Yxy	23.5495, 0.4125, 0.2252
Android (android.graphics.Color)	4293736613 (0xFFED38A5)
YUV	122.5450, 20.9303, 100.3770
Hunter-Lab	48.5278, 73.7243, -12.2986

# Details

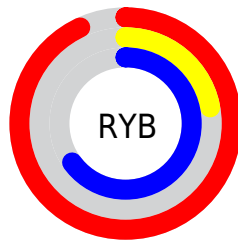
The Hex color **ED38A5** is a light color, and the websafe version is hex **CC3399**. The color can be described as light washed rose. A complement of this color would be **38ED80**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF78DC**, and **B00071** is the 20% darker color. If you saturate the color by 10%, you get **ED209C**, and if you desaturate by 10%, it is **ED50AE**.

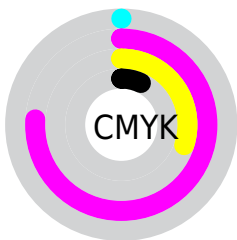
# Distribution



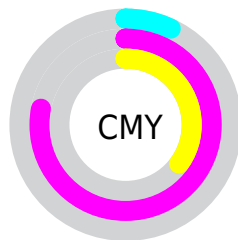
- Red (93%)
- Green (22%)
- Blue (65%)



- Red (93%)
- Yellow (22%)
- Blue (65%)



- Cyan (0%)
- Magenta (76%)
- Yellow (30%)
- Black (7%)



- Cyan (7%)
- Magenta (78%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED38A5 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 ED38A5 by changing the saturation by 10% instead.



 ED38A5

 ED38A5

FFFFFF

 CE008B

 FF78DC

 B00071

 FF96F9

 920059

 FFB3FF

 750041

 FFD1FF

 58002B

 FFEFFF

 3C0016

 1B0001

 000000

 ED38A5

 ED38A5

ED209C

ED50AE

ED0992

ED67B8

ED008F

ED7FC1

ED97CB

EDAED4

EDC6DE

EDDEE7

EDF6F0

EDFFFA

# Harmonies

## Analogous

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



B75EE2



ED38A5



F93462

# Triad

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



ED38A5



7D8E00



00A0E7

# Complementary

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



ED38A5



38ED80

# 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.



00A3AB



ED38A5



169B1A

# Square

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



ED38A5



B97800



00A165



0096FF

# Rectangle

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



ED38A5



EF4B37



00A165



00A1D5



# Sweetspot

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



ED38A5



FFC4E8



7D38ED



805C71



000000



808080



# Same Dimension

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



ED38A5



FF14A2



ED384D



756A71



B5006D



360020



# Inverse Universe

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



ED38A5



FF14A2



38EDD8



756A71



B5006D



360020



# Previews

## White Background



This preview shows how the Hex color ED38A5 looks on a white background.

## Color Contrast Check

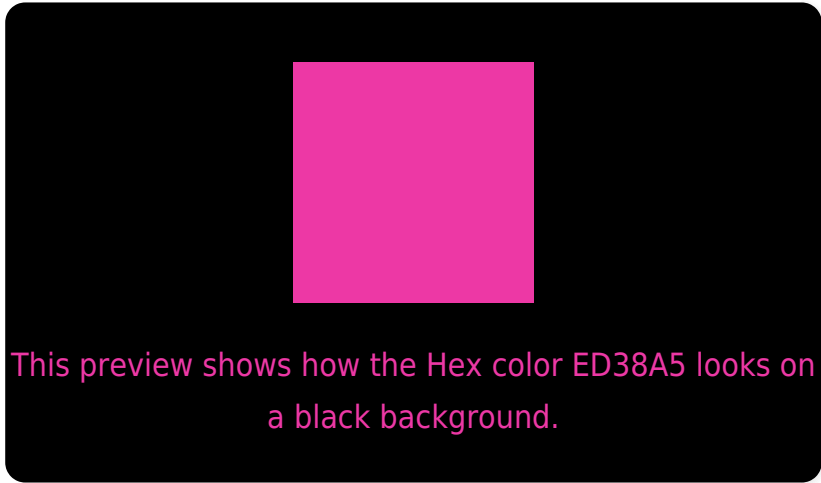
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED38A5 Background



This preview shows how black text looks on a background with the Hex color ED38A5.



This preview shows how white text looks on a background with the Hex color ED38A5.

# 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**  
E75155

# Trichromacy



**Original Color**  
ED38A5



**Protanomaly**  
9568C7



**Deuteranomaly**  
AD679F



**Tritanomaly**  
E94872

# Monochromacy



**Original Color**  
ED38A5



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
A4638A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED38A5 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 #ED38A5 looks like.

```
.text, #text, p{  
    color:#ED38A5  
}
```

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 #ED38A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED38A5
}
```

## Border

The CSS property to change the border of an element to Hex ED38A5 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
#ED38A5 }
```

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

```
.border{ border-color:#ED38A5 }
```

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

Here you see how a box with a 4 pixel #ED38A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED38A5; -webkit-box-shadow:4px 4px  
4px 4px #ED38A5; box-shadow:4px 4px 4px  
4px #ED38A5 }
```

# Background

The CSS property to change the background color of an element to Hex ED38A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED38A5 }
```

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

```
.background{ background-color:#ED38A5 }
```

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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