

# Converting Colors

Hex(E38377)

Have a look what the booklet for  
Hex(E38377) contains.

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# **Color**

**Hex(E38377)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E38377
RGB	227, 131, 119
RGB Percent	89%, 51%, 47%
CMY	0.1098, 0.4863, 0.5333
CMYK	0.00, 0.42, 0.48, 0.11
HSL	7°, 66%, 68%
HSV	7°, 48%, 89%
XYZ	43.1246, 33.8954, 21.7223
YIQ	158.3360, 61.0680, 16.6200

# Conversions

## Conversions Part 2

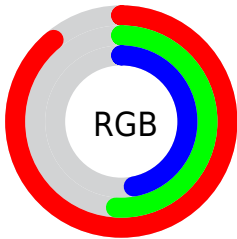
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 133, 119
Decimal	14910327
CIE <sub>Lab</sub>	64.88, 35.59, 22.58
CIE <sub>LCh</sub>	65, 42.150, 32.398
Yxy	33.8954, 0.4367, 0.3433
Android (android.graphics.Color)	4293100407 (0xFFE38377)
YUV	158.3360, -19.3926, 60.2183
Hunter-Lab	58.2198, 30.3342, 18.6322

# Details

The Hex color **E38377** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77D7E3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB9AB**, and **A85047** is the 20% darker color. If you saturate the color by 10%, you get **E36F60**, and if you desaturate by 10%, it is **E3978E**.

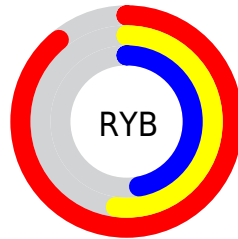
# Distribution



Red (89%)

Green (51%)

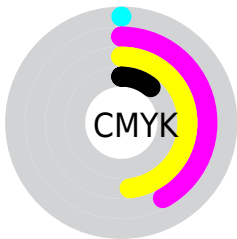
Blue (47%)



Red (89%)

Yellow (52%)

Blue (47%)

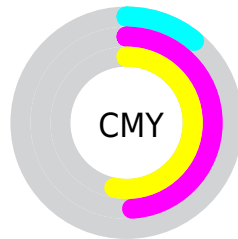


Cyan (0%)

Magenta (42%)

Yellow (48%)

Black (11%)



Cyan (11%)

Magenta (49%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E38377 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 E38377 by changing the saturation by 10% instead.



 E38377

FFFFFF

 FFB9AB

 FFD5C7

 FFF2E3

 E38377

 C5695E

 A85047

 8B3730

 6F1E1B

 540001

 390000

 1B0001

 000000

 E38377

 E38377

 E36F60

 E3978E

 E35B4A

 E3ABA4

 E34633

 E3C0BB

 E3321C

 E3D4D2

 E31E06

 E3E8E9

 E31900

 E3FCFF

 E3FFFF

# Harmonies

## Analogous

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



E37F9C



E38377



D18F5B

# Triad

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



E38377



5BAE79



66A0E8

# Complementary

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



E38377



77D7E3

# 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.



00AADF



E38377



00B19F

# Square

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



E38377



8BA75C



00B0C5



A592DD

# Rectangle

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



E38377



BD9852



00B0C5



4BA4E8



# Sweetspot

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



E38377



FFDFDB



E377D8



806C6A



000000



808080



# Same Dimension

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



E38377



FF7E6E



E3B877



736967



B31400



330600



# Inverse Universe

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



77D7E3



6EEFFF



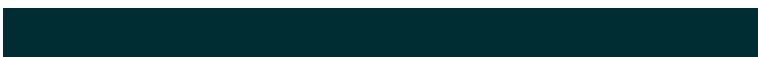
77A2E3



677173



009FB3



002D33



# Previews

## White Background



This preview shows how the Hex color E38377 looks on a white background.

## Color Contrast Check

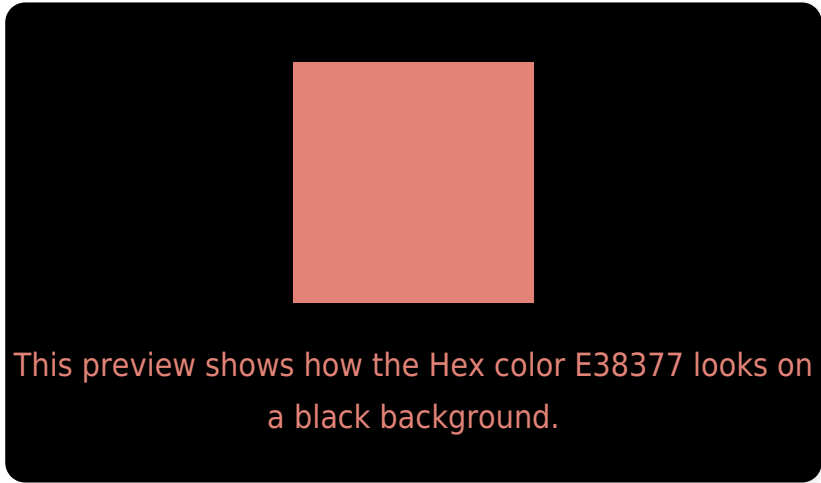
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E38377 Background



This preview shows how black text looks on a background with the Hex color E38377.



This preview shows how white text looks on a background with the Hex color E38377.

# 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**  
E4808A

# Trichromacy



**Original Color**  
E38377



**Protanomaly**  
BD947F



**Deuteranomaly**  
CA9074

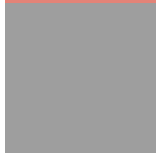


**Tritanomaly**  
E48183

# Monochromacy



**Original Color**  
E38377



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
B79490

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E38377 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 #E38377 looks like.

```
.text, #text, p{  
    color:#E38377  
}
```

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 #E38377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E38377
}
```

## Border

The CSS property to change the border of an element to Hex E38377 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
#E38377 }
```

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

```
.border{ border-color:#E38377 }
```

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

Here you see how a box with a 4 pixel #E38377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E38377; -webkit-box-shadow:4px 4px  
4px 4px #E38377; box-shadow:4px 4px 4px  
4px #E38377 }
```

# Background

The CSS property to change the background color of an element to Hex E38377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E38377 }
```

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

```
.background{ background-color:#E38377 }
```

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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