

# Converting Colors

Hex(E36C82)

Have a look what the booklet for  
Hex(E36C82) contains.

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# **Color**

**Hex(E36C82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E36C82
RGB	227, 108, 130
RGB Percent	89%, 42%, 51%
CMY	0.1098, 0.5765, 0.4902
CMYK	0.00, 0.52, 0.43, 0.11
HSL	349°, 68%, 66%
HSV	349°, 52%, 89%
XYZ	41.0704, 28.6677, 24.4879
YIQ	146.0890, 63.8620, 32.0700

# Conversions

## Conversions Part 2

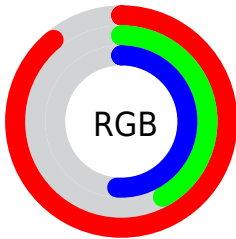
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 108, 130
Decimal	14904450
CIE <sub>Lab</sub>	60.49, 48.32, 10.25
CIE <sub>LCh</sub>	60, 49.396, 11.974
Yxy	28.6677, 0.4359, 0.3042
Android (android.graphics.Color)	4293094530 (0xFFE36C82)
YUV	146.0890, -7.9319, 70.9589
Hunter-Lab	53.5422, 43.2222, 10.3629

# Details

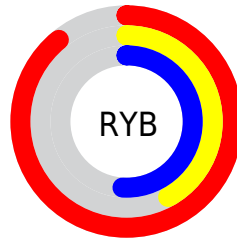
The Hex color **E36C82** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **6CE3CD**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA3B7**, and **A83651** is the 20% darker color. If you saturate the color by 10%, you get **E3556F**, and if you desaturate by 10%, it is **E38395**.

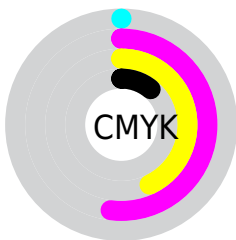
# Distribution



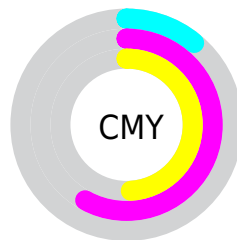
- Red (89%)
- Green (42%)
- Blue (51%)



- Red (89%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (52%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (58%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E36C82 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 E36C82 by changing the saturation by 10% instead.



 E36C82

 E36C82

FFFFFF

 C55169

 FFA3B7

 A83651

 FFbfd2

 8B183A


 FFDBEF

 6E0025

 FFF8FF

 520010

 390002

 110000

 000000

 E36C82

 E36C82

 E3556F

 E38395

 E33F5D

 E399A7

 E3284A

 E3B0BA

 E31138

 E3C7CC

 E3002A

 E3DEDF

 E3F4F1

 E3FFFF

# Harmonies

## Analogous

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



D470AE



E36C82



DB765A

# Triad

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



E36C82



6AA04E



009EE4

# Complementary

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



E36C82



6CE3CD

# 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.



00A5CB



E36C82



17A675

# Square

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



E36C82



9A9538



00A8A3



6591E7

# Rectangle

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



E36C82



CB8145



00A8A3



00A1DE



# Sweetspot

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



E36C82



FFD6DE



CB6CE3



80676C



000000



808080



# Same Dimension

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



E36C82



FF5E7C



E3906C



736769



B30021



330009



# Inverse Universe

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



E36C82



FF5E7C



6CBFE3



736769



B30021



330009



# Previews

## White Background



This preview shows how the Hex color E36C82 looks on a white background.

## Color Contrast Check

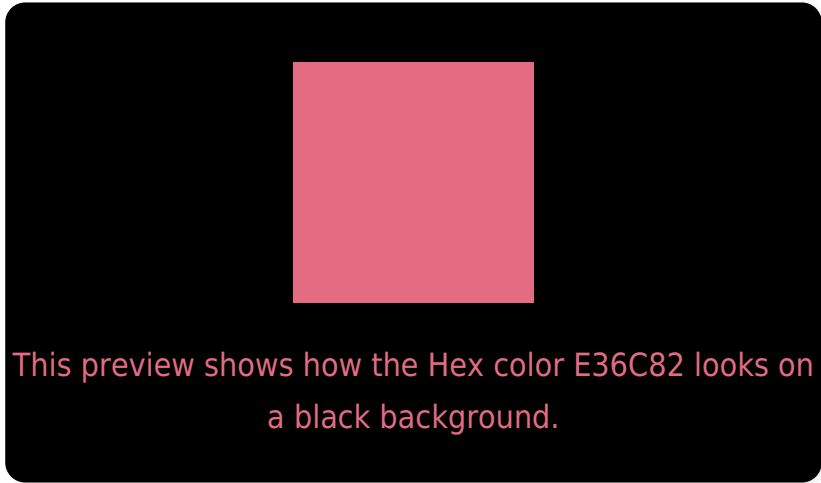
Large Text (above 18pt) WCAG AA ✓ Pass

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 E36C82 Background



This preview shows how black text looks on a background with the Hex color E36C82.

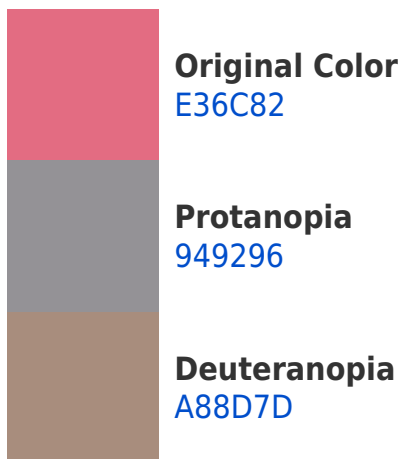


This preview shows how white text looks on a background with the Hex color E36C82.

# 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](#).

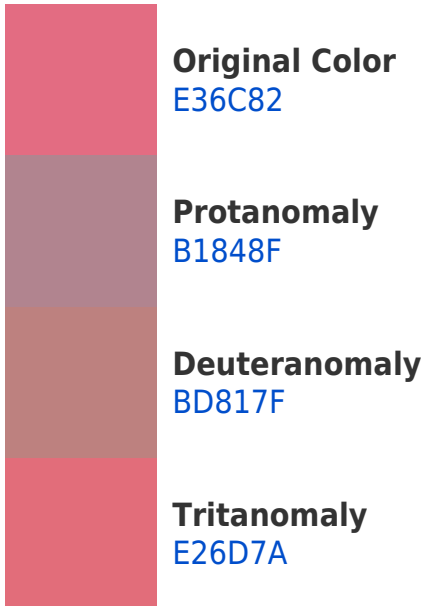
## Dichromacy





**Tritanopia**  
E26E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E36C82 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 #E36C82 looks like.

```
.text, #text, p{  
    color:#E36C82  
}
```

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 #E36C82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E36C82
}
```

## Border

The CSS property to change the border of an element to Hex E36C82 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
#E36C82 }
```

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

```
.border{ border-color:#E36C82 }
```

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

Here you see how a box with a 4 pixel #E36C82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E36C82; -webkit-box-shadow:4px 4px  
4px 4px #E36C82; box-shadow:4px 4px 4px  
4px #E36C82 }
```

# Background

The CSS property to change the background color of an element to Hex E36C82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E36C82 }
```

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

```
.background{ background-color:#E36C82 }
```

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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