

# Converting Colors

Hex(E02E64)

Have a look what the booklet for  
Hex(E02E64) contains.

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**Color**

**Hex(E02E64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E02E64
RGB	224, 46, 100
RGB Percent	88%, 18%, 39%
CMY	0.1216, 0.8196, 0.6078
CMYK	0.00, 0.79, 0.55, 0.12
HSL	342°, 74%, 53%
HSV	342°, 79%, 88%
XYZ	34.0177, 18.7214, 13.8772
YIQ	105.3780, 88.7540, 54.5300

# Conversions

## Conversions Part 2

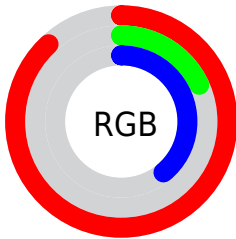
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 46, 100
Decimal	14691940
CIE <sub>Lab</sub>	50.36, 68.96, 13.76
CIE <sub>LCh</sub>	50, 70.325, 11.287
Yxy	18.7214, 0.5107, 0.2810
Android (android.graphics.Color)	4292882020 (0xFFE02E64)
YUV	105.3780, -2.6514, 104.0315
Hunter-Lab	43.2682, 64.6183, 11.2719

# Details

The Hex color **E02E64** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **2EE0AA**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF6E96**, and **A20036** is the 20% darker color. If you saturate the color by 10%, you get **E01854**, and if you desaturate by 10%, it is **E04474**.

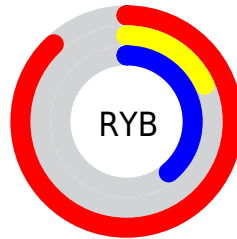
# Distribution



Red (88%)

Green (18%)

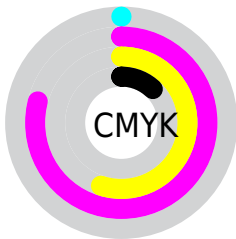
Blue (39%)



Red (88%)

Yellow (18%)

Blue (39%)

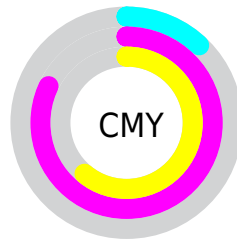


Cyan (0%)

Magenta (79%)

Yellow (55%)

Black (12%)



Cyan (12%)

Magenta (82%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E02E64 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 E02E64 by changing the saturation by 10% instead.



 E02E64

 E02E64

FFFFFF

 C1004C

 FF6E96

 A20036

 FF8BB1

 830021

 FFA8CC

 65000B

 FFC6E9

 490004

 FFE3FF

 280001

 000000

 E02E64

 E02E64

 E01854

 E04474

 E00145

 E05B83

 E00044

 E07193

 E088A2

 E09EB2

 E0B4C2

 E0CBD1

 E0E1E1

 E0F8F0

# Harmonies

## Analogous

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



CE3AA0



E02E64



D3492A

# Triad

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



E02E64



358904



0089EA

# Complementary

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



E02E64



2EE0AA

# 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.



0091C6



E02E64



00904F

# Square

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



E02E64



7C7C00



00928E



0078EF

# Rectangle

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



E02E64



BD5E00



00928E



008CE1



# Sweetspot

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



E02E64



FFC2D4



A82EE0



805B66



000000



808080



# Same Dimension

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



E02E64



FF0D56



E04F2E



706568



B00035



30000F



# Inverse Universe

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



E02E64



FF0D56



2EBFE0



706568



B00035

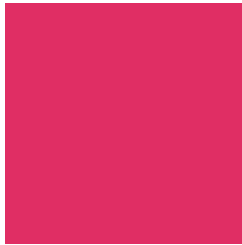


30000F



# Previews

## White Background



This preview shows how the Hex color E02E64 looks on a white background.

## Color Contrast Check

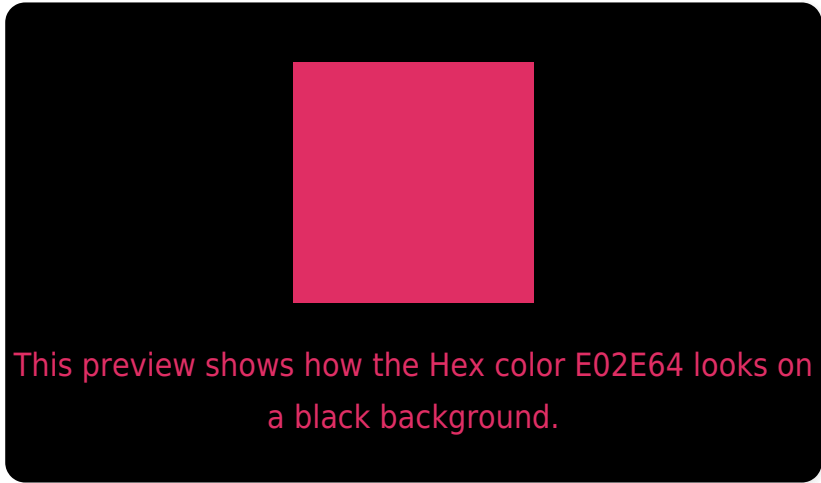
Large Text (above 18pt) WCAG AA ✓ Pass

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 E02E64 Background



This preview shows how black text looks on a background with the Hex color E02E64.

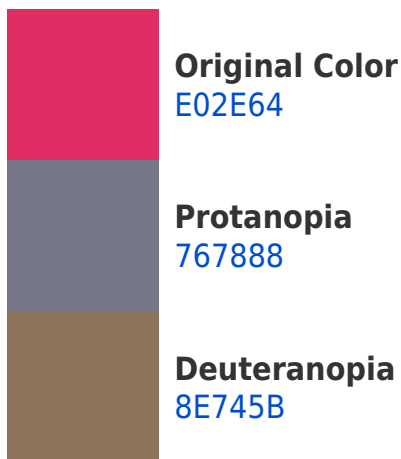


This preview shows how white text looks on a background with the Hex color E02E64.

# Color Blindness Simulation

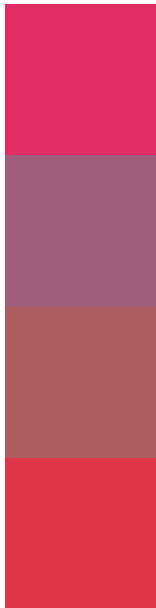
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



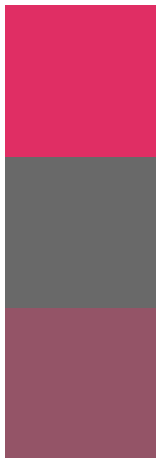
**Original Color**  
E02E64

**Protanomaly**  
9D5D7B

**Deuteranomaly**  
AC5B5E

**Tritanomaly**  
DF3549

# Monochromacy



**Original Color**  
E02E64

**Achromatopsia**  
696969

**Achromatomaly**  
945467

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E02E64 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 #E02E64 looks like.

```
.text, #text, p{  
    color:#E02E64  
}
```

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 #E02E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E02E64
}
```

## Border

The CSS property to change the border of an element to Hex E02E64 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
#E02E64 }
```

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

```
.border{ border-color:#E02E64 }
```

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

Here you see how a box with a 4 pixel #E02E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E02E64; -webkit-box-shadow:4px 4px  
4px 4px #E02E64; box-shadow:4px 4px 4px  
4px #E02E64 }
```

# Background

The CSS property to change the background color of an element to Hex E02E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E02E64 }
```

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

```
.background{ background-color:#E02E64 }
```

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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