

# Converting Colors

Hex(E04E69)

Have a look what the booklet for  
Hex(E04E69) contains.

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# Color

**Hex(E04E69)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E04E69
RGB	224, 78, 105
RGB Percent	88%, 31%, 41%
CMY	0.1216, 0.6941, 0.5882
CMYK	0.00, 0.65, 0.53, 0.12
HSL	349°, 70%, 59%
HSV	349°, 65%, 88%
XYZ	36.0147, 22.3160, 15.7738
YIQ	124.7320, 78.3490, 39.3490

# Conversions

## Conversions Part 2

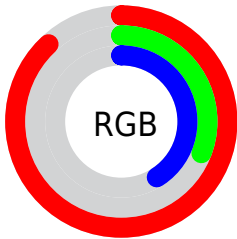
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 78, 105
Decimal	14700137
CIE <sub>Lab</sub>	54.36, 58.53, 16.27
CIE <sub>LCh</sub>	54, 60.753, 15.535
Yxy	22.3160, 0.4860, 0.3011
Android (android.graphics.Color)	4292890217 (0xFFE04E69)
YUV	124.7320, -9.7279, 87.0580
Hunter-Lab	47.2398, 53.4151, 13.2704

# Details

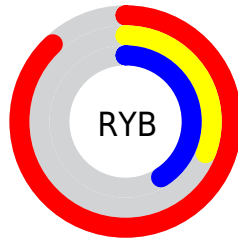
The Hex color **E04E69** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **4EE0C5**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF869C**, and **A3043A** is the 20% darker color. If you saturate the color by 10%, you get **E03857**, and if you desaturate by 10%, it is **E0647B**.

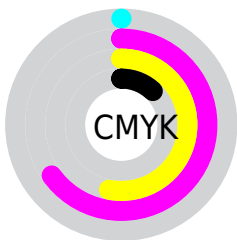
# Distribution



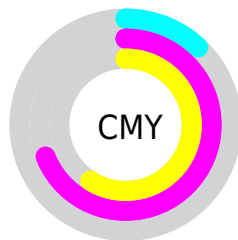
- Red (88%)
- Green (31%)
- Blue (41%)



- Red (88%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (65%)
- Yellow (53%)
- Black (12%)



- Cyan (12%)
- Magenta (69%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E04E69 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 E04E69 by changing the saturation by 10% instead.



 E04E69

 E04E69

FFFFFF

 C13051

 FF869C

 A3043A

 FFA3B7

 850025

 FFBFD2

 670011

 FFDCEF

 4B0001

 FFFAFF

 2E0002

 000000

 E04E69

 E04E69

 E03857

 E0647B

 E02144

 E07B8E

 E00B32

 E091A0

 E00029

 E0A8B2

 E0BEC4

 E0D4D7

 E0EBE9

 E0FFFB

 E0FFFF

# Harmonies

## Analogous

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



D3519E



E04E69



D26038

# Triad

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



E04E69



439332



008FE8

# Complementary

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



E04E69



4EE0C5

# 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.



0098CC



E04E69



009966

# Square

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



E04E69



828800



009A9D



497FE8

# Rectangle

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



E04E69



BD6F1B



009A9D



0093E1



# Sweetspot

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



E04E69



FFCCD5



C34EE0



806167



000000



808080



# Same Dimension

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



E04E69



FF385D



E07A4E



706567



B00021



300009



# Inverse Universe

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



E04E69



FF385D



4EB4E0



706567



B00021



300009



# Previews

## White Background



This preview shows how the Hex color E04E69 looks on a white background.

## Color Contrast Check

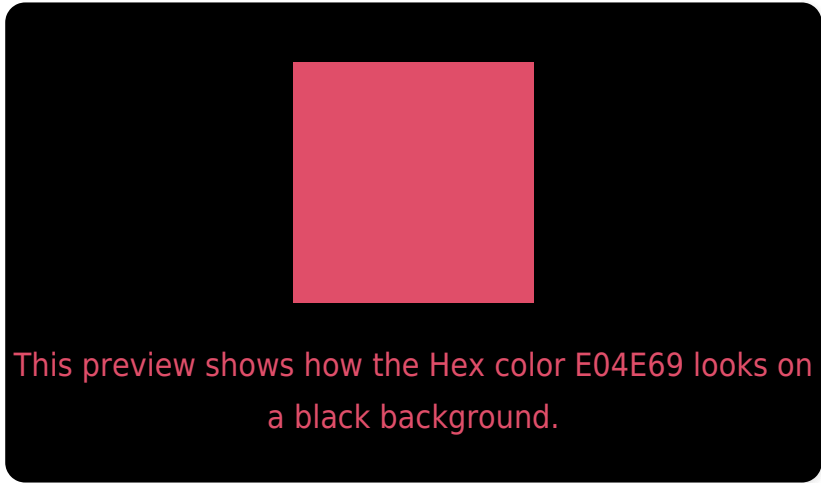
Large Text (above 18pt) WCAG AA ✓ Pass

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 E04E69 Background



This preview shows how black text looks on a background with the Hex color E04E69.



This preview shows how white text looks on a background with the Hex color E04E69.

# 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



**Original Color**  
E04E69

**Protanopia**  
858283

**Deuteranopia**  
9A7D62



# Trichromacy



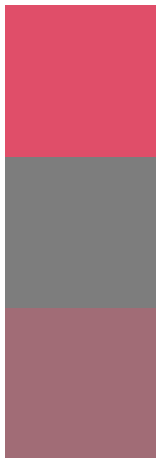
**Original Color**  
E04E69

**Protanomaly**  
A66F7A

**Deuteranomaly**  
B36C65

**Tritanomaly**  
DF505D

# Monochromacy



**Original Color**  
E04E69

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
A16C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E04E69 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 #E04E69 looks like.

```
.text, #text, p{  
    color:#E04E69  
}
```

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 #E04E69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E04E69
}
```

## Border

The CSS property to change the border of an element to Hex E04E69 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
#E04E69 }
```

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

```
.border{ border-color:#E04E69 }
```

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

Here you see how a box with a 4 pixel #E04E69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E04E69; -webkit-box-shadow:4px 4px  
4px 4px #E04E69; box-shadow:4px 4px 4px  
4px #E04E69 }
```

# Background

The CSS property to change the background color of an element to Hex E04E69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E04E69 }
```

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

```
.background{ background-color:#E04E69 }
```

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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