

# Converting Colors

Hex(E04689)

Have a look what the booklet for  
Hex(E04689) contains.

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**Color**

**Hex(E04689)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E04689
RGB	224, 70, 137
RGB Percent	88%, 27%, 54%
CMY	0.1216, 0.7255, 0.4627
CMYK	0.00, 0.69, 0.39, 0.12
HSL	334°, 71%, 58%
HSV	334°, 69%, 88%
XYZ	37.4460, 22.0338, 25.9462
YIQ	123.6840, 70.2770, 53.4850

# Conversions

## Conversions Part 2

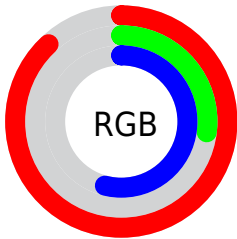
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 70, 137
Decimal	14698121
CIE <sub>Lab</sub>	54.06, 64.55, -3.20
CIE <sub>LCh</sub>	54, 64.628, 357.165
Yxy	22.0338, 0.4383, 0.2579
Android (android.graphics.Color)	4292888201 (0xFFE04689)
YUV	123.6840, 6.5648, 87.9771
Hunter-Lab	46.9401, 60.2513, 0.0854

# Details

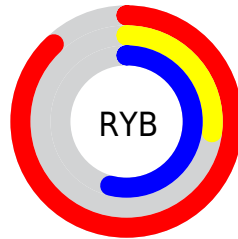
The Hex color **E04689** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **46E09D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF80BE**, and **A40057** is the 20% darker color. If you saturate the color by 10%, you get **E0307C**, and if you desaturate by 10%, it is **E05C96**.

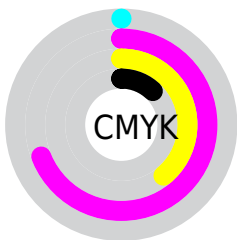
# Distribution



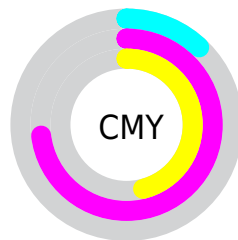
- Red (88%)
- Green (27%)
- Blue (54%)



- Red (88%)
- Yellow (27%)
- Blue (54%)



- Cyan (0%)
- Magenta (69%)
- Yellow (39%)
- Black (12%)



- Cyan (12%)
- Magenta (73%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E04689 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 E04689 by changing the saturation by 10% instead.



 E04689

 E04689

FFFFFF

 C22470

 FF80BE

 A40057

 FF9DDA

 860040

 FFBAF6

 69002A

 FFD7FF

 4D0016

 FFF5FF

 310002

 000000

 E04689

 E04689

 E0307C

 E05C96

 E01970

 E073A2

 E00363

 E089AF

 E00061

 E0A0BC

 E0B6C8

 E0CCD5

 E0E3E2

 E0F9EE

 E0FFFB

# Harmonies

## Analogous

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



BF5ABF



E04689



E14E52

# Triad

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



E04689



698D00



0096DF

# Complementary

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



E04689



46E09D

# 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.



009AB3



E04689



009641

# Square

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



E04689



A07D00



009A7A



008AF1

# Rectangle

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



E04689



D35D30



009A7A



0098D2



# Sweetspot

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



E04689



FFC9E1



9B46E0



80606D



000000



808080



# Same Dimension

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



E04689



FF2B87



E04E46



70656A



B0004D



300015



# Inverse Universe

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



E04689



FF2B87



46D8E0



70656A



B0004D



300015



# Previews

## White Background



This preview shows how the Hex color E04689 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 E04689 Background



This preview shows how black text looks on a background with the Hex color E04689.



This preview shows how white text looks on a background with the Hex color E04689.

# 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**  
E04689



**Protanomaly**  
9C6BA1



**Deuteranomaly**  
AC6A84



**Tritanomaly**  
DE4E69

# Monochromacy



**Original Color**  
E04689



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
A06881

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E04689 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 #E04689 looks like.

```
.text, #text, p{  
    color:#E04689  
}
```

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 #E04689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E04689
}
```

## Border

The CSS property to change the border of an element to Hex E04689 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
#E04689 }
```

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

```
.border{ border-color:#E04689 }
```

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

Here you see how a box with a 4 pixel #E04689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E04689; -webkit-box-shadow:4px 4px  
4px 4px #E04689; box-shadow:4px 4px 4px  
4px #E04689 }
```

# Background

The CSS property to change the background color of an element to Hex E04689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E04689 }
```

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

```
.background{ background-color:#E04689 }
```

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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