

# Converting Colors

Hex(E05091)

Have a look what the booklet for  
Hex(E05091) contains.

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**Color**

**Hex(E05091)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E05091
RGB	224, 80, 145
RGB Percent	88%, 31%, 57%
CMY	0.1216, 0.6863, 0.4314
CMYK	0.00, 0.64, 0.35, 0.12
HSL	333°, 70%, 60%
HSV	333°, 64%, 88%
XYZ	38.7200, 23.6289, 29.3081
YIQ	130.4660, 64.9590, 50.7430

# Conversions

## Conversions Part 2

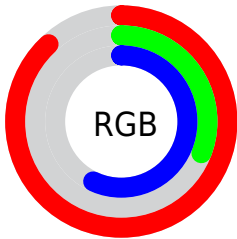
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 80, 145
Decimal	14700689
CIE Lab	55.71, 61.54, -5.49
CIE LCh	56, 61.785, 354.904
Yxy	23.6289, 0.4224, 0.2578
Android (android.graphics.Color)	4292890769 (0xFFE05091)
YUV	130.4660, 7.1653, 82.0293
Hunter-Lab	48.6096, 57.1173, -1.7209

# Details

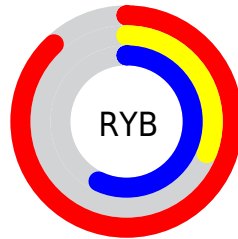
The Hex color **E05091** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **50E09F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF89C7**, and **A4055F** is the 20% darker color. If you saturate the color by 10%, you get **E03A85**, and if you desaturate by 10%, it is **E0669D**.

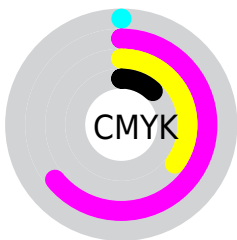
# Distribution



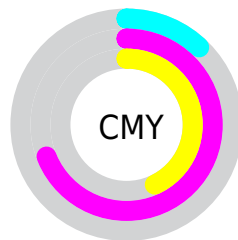
- Red (88%)
- Green (31%)
- Blue (57%)



- Red (88%)
- Yellow (31%)
- Blue (57%)



- Cyan (0%)
- Magenta (64%)
- Yellow (35%)
- Black (12%)



- Cyan (12%)
- Magenta (69%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E05091 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 E05091 by changing the saturation by 10% instead.



 E05091

 E05091

FFFFFF

 C23277

 FF89C7

 A4055F

 FFA5E3

 870047

 FFC2FF

 6B0031

 FFDFFF

 4E001C

 FFFDFD

 340002

 000000

 E05091

 E05091

 E03A85

 E0669D

 E02378

 E07DAA

 E00D6C

 E093B6

 E00065

 E0AAC2

 E0C0CE

 E0D6DB

 E0EDE7

 E0FFF3

 E0FFFF

# Harmonies

## Analogous

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



BD62C4



E05091



E4555C

# Triad

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



E05091



749012



009ADD

# Complementary

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



E05091



50E09F

# 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.



009EB1



E05091



229944

# Square

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



E05091



A78000



009E7A



008FF1

# Rectangle

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



E05091



D8623B



009E7A



009CD0



# Sweetspot

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



E05091



FFCFE4



9D50E0



80626F



000000



808080



# Same Dimension

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



E05091



FF3B93



E05550



70656A



B0004F



300016



# Inverse Universe

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



E05091



FF3B93



50DBE0



70656A



B0004F



300016



# Previews

## White Background



This preview shows how the Hex color E05091 looks on a white background.

## Color Contrast Check

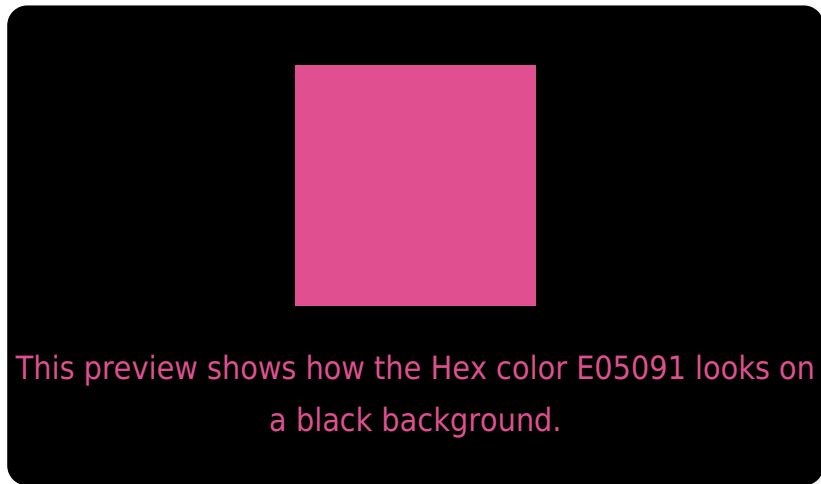
Large Text (above 18pt) WCAG AA ✓ Pass

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 E05091 Background



This preview shows how black text looks on a background with the Hex color E05091.



This preview shows how white text looks on a background with the Hex color E05091.

# 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**  
E05091



**Protanomaly**  
9E71A7



**Deuteranomaly**  
AE708D

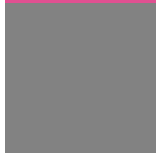


**Tritanomaly**  
DD5772

# Monochromacy



**Original Color**  
E05091



**Achromatopsia**  
828282



**Achromatomaly**  
A47087

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E05091 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 #E05091 looks like.

```
.text, #text, p{  
    color:#E05091  
}
```

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 #E05091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E05091
}
```

## Border

The CSS property to change the border of an element to Hex E05091 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
#E05091 }
```

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

```
.border{ border-color:#E05091 }
```

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

Here you see how a box with a 4 pixel #E05091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E05091; -webkit-box-shadow:4px 4px  
4px 4px #E05091; box-shadow:4px 4px 4px  
4px #E05091 }
```

# Background

The CSS property to change the background color of an element to Hex E05091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E05091 }
```

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

```
.background{ background-color:#E05091 }
```

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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