

Converting Colors

Hex(E05176)

Have a look what the booklet for
Hex(E05176) contains.

Hex(E05176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E05176)

Conversions

Conversions Part 1

Format	Color
Hex	E05176
RGB	224, 81, 118
RGB Percent	88%, 32%, 46%
CMY	0.1216, 0.6824, 0.5373
CMYK	0.00, 0.64, 0.47, 0.12
HSL	344°, 70%, 60%
HSV	344°, 64%, 88%
XYZ	36.9529, 23.0402, 19.6391
YIQ	127.9750, 73.3510, 41.8230

Conversions

Conversions Part 2

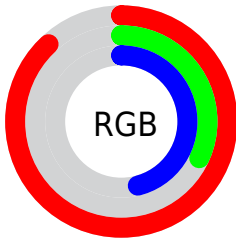
Format	Color
R_{YB}	224, 81, 118
Decimal	14700918
CIE _{Lab}	55.11, 58.40, 9.61
CIE _{LCh}	55, 59.188, 9.343
Yxy	23.0402, 0.4640, 0.2893
Android (android.graphics.Color)	4292890998 (0xFFE05176)
YUV	127.9750, -4.9177, 84.2139
Hunter-Lab	48.0002, 53.4179, 9.3418

Details

The Hex color **E05176** 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 **51E0BB**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF89AA**, and **A40C46** is the 20% darker color. If you saturate the color by 10%, you get **E03B65**, and if you desaturate by 10%, it is **E06787**.

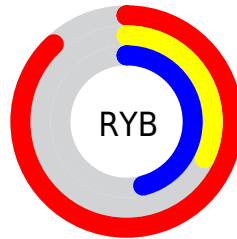
Distribution



Red (88%)

Green (32%)

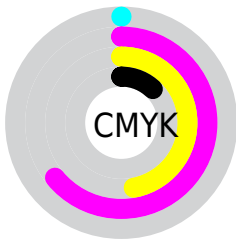
Blue (46%)



Red (88%)

Yellow (32%)

Blue (46%)

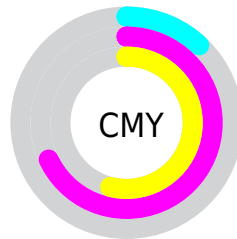


Cyan (0%)

Magenta (64%)

Yellow (47%)

Black (12%)



Cyan (12%)

Magenta (68%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color E05176 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 E05176 by changing the saturation by 10% instead.

 E05176

 E05176

FFFFFF

 C2335D

 FF89AA

 A40C46

 FFA5C5

 860030

 FFC2E1

 69001C

 FFDFFE

 4D0001

 FFFDFD

 300002

 000000

 E05176

 E05176

 E03B65

 E06787

 E02455

 E07E97

 E00E44

 E094A8

 E0003A

 E0ABB8

 E0C1C9

 E0D7DA

 E0EEEA

 E0FFFB

 E0FFFF

Harmonies

Analogous

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



CD59A9



E05176



D75F45

Triad

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



E05176



57932D



0093E4

Complementary

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



E05176



51E0BB

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.



009AC4



E05176



009A5E

Square

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



E05176



8F8707



009C93



2985EA

Rectangle

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



E05176



C56D29



009C93



0096DC

Sweetspot

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



E05176



FFCFDB



BA51E0



80626A



000000



808080

Same Dimension

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



E05176



FF3B6D



E07251



706568



B0002E



30000D

Inverse Universe

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



E05176



FF3B6D



51BFE0



706568



B0002E



30000D

Previews

White Background



This preview shows how the Hex color E05176 looks on a white background.

Color Contrast Check

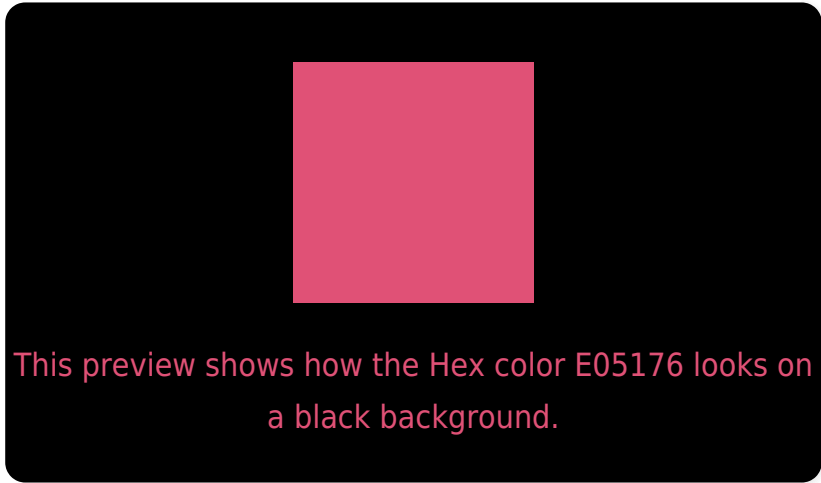
Large Text (above 18pt) WCAG AA ✓ Pass

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 E05176 Background



This preview shows how black text looks on a background with the Hex color E05176.

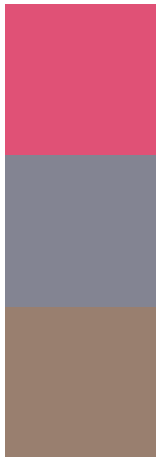


This preview shows how white text looks on a background with the Hex color E05176.

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

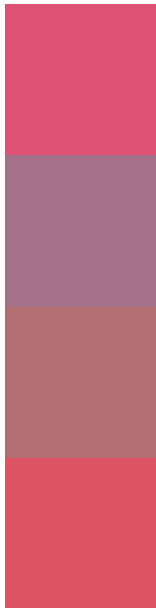


Original Color
E05176

Protanopia
838492

Deuteranopia
997F6F

Trichromacy



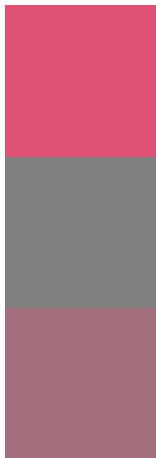
Original Color
E05176

Protanomaly
A57188

Deuteranomaly
B36E72

Tritanomaly
DF5465

Monochromacy



Original Color
E05176

Achromatopsia
808080

Achromatomaly
A36F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex E05176 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 #E05176 looks like.

```
.text, #text, p{  
    color:#E05176  
}
```

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 #E05176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E05176
}
```

Border

The CSS property to change the border of an element to Hex E05176 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
#E05176 }
```

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

```
.border{ border-color:#E05176 }
```

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

Here you see how a box with a 4 pixel #E05176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E05176; -webkit-box-shadow:4px 4px  
4px 4px #E05176; box-shadow:4px 4px 4px  
4px #E05176 }
```

Background

The CSS property to change the background color of an element to Hex E05176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E05176 }
```

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

```
.background{ background-color:#E05176 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor