

# Converting Colors

Hex(E255A5)

Have a look what the booklet for  
Hex(E255A5) contains.

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# **Color**

**Hex(E255A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E255A5
RGB	226, 85, 165
RGB Percent	89%, 33%, 65%
CMY	0.1137, 0.6667, 0.3529
CMYK	0.00, 0.62, 0.27, 0.11
HSL	326°, 71%, 61%
HSV	326°, 62%, 89%
XYZ	41.4041, 25.3824, 38.3144
YIQ	136.2790, 58.3560, 54.7720

# Conversions

## Conversions Part 2

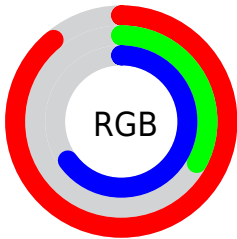
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 85, 165
Decimal	14833061
CIE Lab	57.45, 62.45, -14.57
CIE LCh	57, 64.127, 346.870
Yxy	25.3824, 0.3939, 0.2415
Android (android.graphics.Color)	4293023141 (0xFFE255A5)
YUV	136.2790, 14.1595, 78.6853
Hunter-Lab	50.3809, 58.5283, -9.8230

# Details

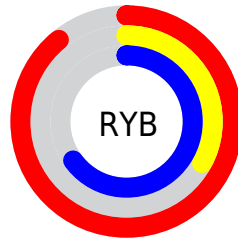
The Hex color **E255A5** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **55E292**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF8EDC**, and **A71071** is the 20% darker color. If you saturate the color by 10%, you get **E23E9B**, and if you desaturate by 10%, it is **E26CAF**.

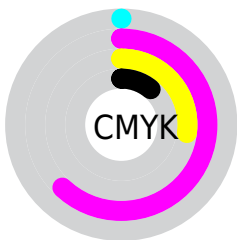
# Distribution



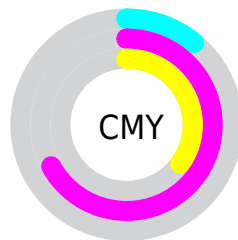
- Red (89%)
- Green (33%)
- Blue (65%)



- Red (89%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (62%)
- Yellow (27%)
- Black (11%)



- Cyan (11%)
- Magenta (67%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E255A5 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 E255A5 by changing the saturation by 10% instead.



 E255A5

 E255A5

FFFFFF

 C4378B

 FF8EDC

 A71071

 FFAAF9

 8A0059

 FFC7FF

 6E0041

 FFE4FF

 52002B

 380016

 130000

 000000

 E255A5

 E255A5

 E23E9B

 E26CAF

 E22891

 E282B9

 E21188

 E299C2

 E20080

 E2AFCC

 E2C6D6

 E2DDE0

 E2F3E9

 E2FFF3

 E2FFFD

# Harmonies

## Analogous

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



B46CD7



E255A5



EE536D

# Triad

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



E255A5



879100



00A1DB

# Complementary

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



E255A5



55E292

# 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.



00A4A9



E255A5



429C37

# Square

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



E255A5



B97E05



00A26F



0097F7

# Rectangle

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



E255A5



E65F4A



00A26F



00A3CC



# Sweetspot

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



E255A5



FFCFEA



9055E2



806273



000000



808080



# Same Dimension

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



E255A5



FF40AC



E25561



70656B



B00064



30001B



# Inverse Universe

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



E255A5



FF40AC



55E2D6



70656B



B00064



30001B



# Previews

## White Background



This preview shows how the Hex color E255A5 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 E255A5 Background



This preview shows how black text looks on a background with the Hex color E255A5.

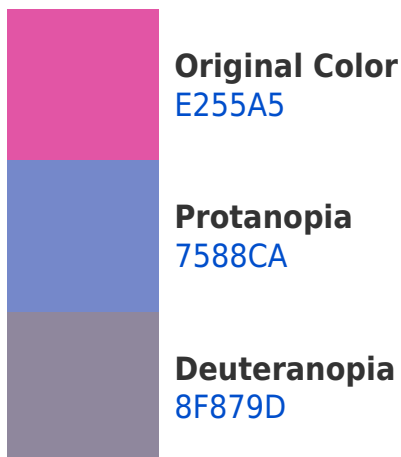



This preview shows how white text looks on a background with the Hex color E255A5.

# 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](#).

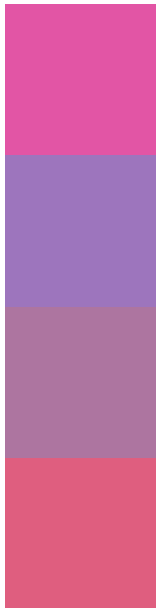
## Dichromacy





**Tritanopia**  
DD636A

# Trichromacy



**Original Color**  
E255A5

**Protanomaly**  
9D75BD

**Deuteranomaly**  
AD75A0

**Tritanomaly**  
DF5E7F

# Monochromacy



**Original Color**  
E255A5

**Achromatopsia**  
888888

**Achromatomaly**  
A97593

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E255A5 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 #E255A5 looks like.

```
.text, #text, p{  
    color:#E255A5  
}
```

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 #E255A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E255A5
}
```

## Border

The CSS property to change the border of an element to Hex E255A5 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
#E255A5 }
```

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

```
.border{ border-color:#E255A5 }
```

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

Here you see how a box with a 4 pixel #E255A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E255A5; -webkit-box-shadow:4px 4px  
4px 4px #E255A5; box-shadow:4px 4px 4px  
4px #E255A5 }
```

# Background

The CSS property to change the background color of an element to Hex E255A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E255A5 }
```

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

```
.background{ background-color:#E255A5 }
```

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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