

Converting Colors

Hex(E753D5)

Have a look what the booklet for
Hex(E753D5) contains.

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Color

Hex(E753D5)

Conversions

Conversions Part 1

Format	Color
Hex	E753D5
RGB	231, 83, 213
RGB Percent	91%, 33%, 84%
CMY	0.0941, 0.6745, 0.1647
CMYK	0.00, 0.64, 0.08, 0.09
HSL	307°, 76%, 62%
HSV	307°, 64%, 91%
XYZ	48.0585, 27.9795, 65.8184
YIQ	142.0720, 46.4780, 71.8060

Conversions

Conversions Part 2

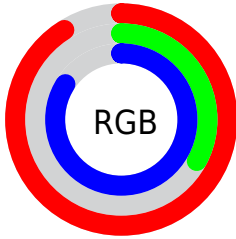
Format	Color
R _{YB}	231, 83, 213
Decimal	15160277
CIE Lab	59.87, 71.31, -38.30
CIE LCh	60, 80.940, 331.762
Yxy	27.9795, 0.3388, 0.1972
Android (android.graphics.Color)	4293350357 (0xFFE753D5)
YUV	142.0720, 34.9675, 77.9899
Hunter-Lab	52.8957, 69.6091, -36.7479

Details

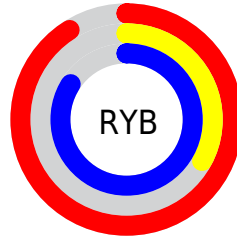
The Hex color **E753D5** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **53E765**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8EFF**, and **AC009E** is the 20% darker color. If you saturate the color by 10%, you get **E73CD2**, and if you desaturate by 10%, it is **E76AD8**.

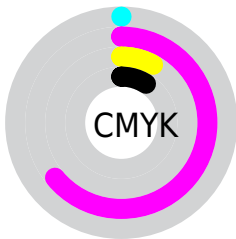
Distribution



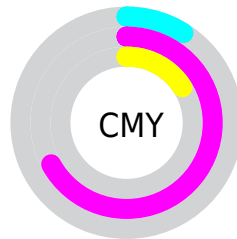
- Red (91%)
- Green (33%)
- Blue (84%)



- Red (91%)
- Yellow (33%)
- Blue (84%)



- Cyan (0%)
- Magenta (64%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color E753D5 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 E753D5 by changing the saturation by 10% instead.

 E753D5

 E753D5

FFFFFF

 C933B9

 FF8EFF

 AC009E

 FFABFF

 8F0083

 FFC8FF

 73006A

 FFE5FF

 570051

 3E003A

 200023

 000009

 000000

 E753D5

 E753D5

 E73CD2

 E76AD8

 E725CF

 E781DB

 E70ECD

 E798DD

 E700CB

 E7AFE0

 E7C7E3

 E7DEE6

 E7F5E9

 E7FFEB

 E7FFEE

Harmonies

Analogous

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



8F7BFF



E753D5



FF368F

Triad

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



E753D5



AA8F00



00AFDA

Complementary

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



E753D5



53E765

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.



00AF93



E753D5



61A100

Square

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



E753D5



E27200



00AB48



00A8FF

Rectangle

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



E753D5



FF4060



00AB48



00AFC3

Sweetspot

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



E753D5



FFCFF9



6453E7



80627C



000000



808080

Same Dimension

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



E753D5



FF3BE7



E7538C



736771



B3009D



33002D

Inverse Universe

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



E753D5



FF3BE7



53E7AE



736771



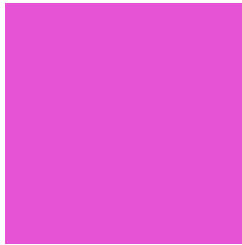
B3009D



33002D

Previews

White Background



This preview shows how the Hex color E753D5 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

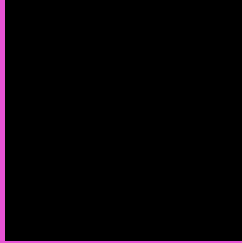
Any Text WCAG AA ✓ Pass

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 E753D5 Background



This preview shows how black text looks on a background with the Hex color E753D5.

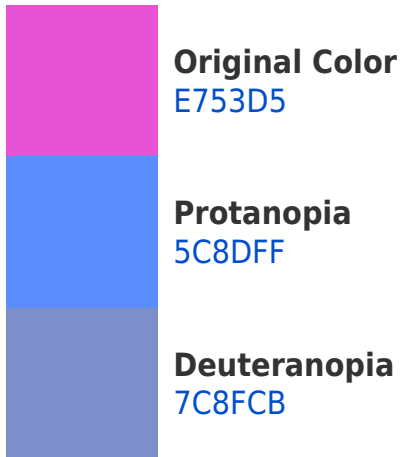


This preview shows how white text looks on a background with the Hex color E753D5.

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
DD6E76

Trichromacy



Original Color
E753D5



Protanomaly
8F78F0



Deuteranomaly
A379CF



Tritanomaly
E16499

Monochromacy



Original Color
E753D5



Achromatopsia
8E8E8E



Achromatomaly
AE79A8

CSS Examples

Text

The CSS property to change the color of the text to Hex E753D5 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 #E753D5 looks like.

```
.text, #text, p{  
    color:#E753D5  
}
```

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 #E753D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E753D5
}
```

Border

The CSS property to change the border of an element to Hex E753D5 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
#E753D5 }
```

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

```
.border{ border-color:#E753D5 }
```

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

Here you see how a box with a 4 pixel #E753D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E753D5; -webkit-box-shadow:4px 4px  
4px 4px #E753D5; box-shadow:4px 4px 4px  
4px #E753D5 }
```

Background

The CSS property to change the background color of an element to Hex E753D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E753D5 }
```

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

```
.background{ background-color:#E753D5 }
```

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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