

# Converting Colors

Hex(E33DF5)

Have a look what the booklet for  
Hex(E33DF5) contains.

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**Color**

**Hex(E33DF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E33DF5
RGB	227, 61, 245
RGB Percent	89%, 24%, 96%
CMY	0.1098, 0.7608, 0.0392
CMYK	0.07, 0.75, 0.00, 0.04
HSL	294°, 90%, 60%
HSV	294°, 75%, 96%
XYZ	49.8287, 26.2610, 88.8288
YIQ	131.6100, 39.8720, 92.4160

# Conversions

## Conversions Part 2

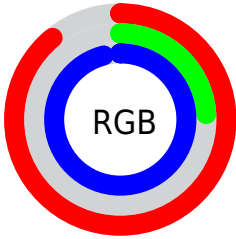
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	227, 61, 245
Decimal	14892533
CIE <sub>Lab</sub>	58.28, 82.98, -58.80
CIE <sub>LCh</sub>	58, 101.700, 324.676
Y <sub>xy</sub>	26.2610, 0.3021, 0.1592
Android (android.graphics.Color)	4293082613 (0xFFE33DF5)
YUV	131.6100, 55.9013, 83.6570
Hunter-Lab	51.2454, 83.8857, -66.9014

# Details

The Hex color **E33DF5** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **4FF53D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF7DFF**, and **A700BC** is the 20% darker color. If you saturate the color by 10%, you get **E124F5**, and if you desaturate by 10%, it is **E556F5**.

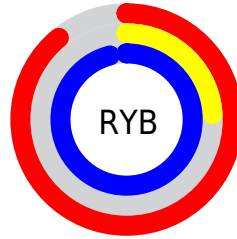
# Distribution



Red (89%)

Green (24%)

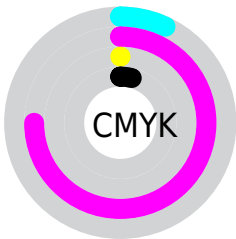
Blue (96%)



Red (89%)

Yellow (24%)

Blue (96%)

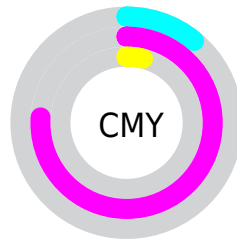


Cyan (7%)

Magenta (75%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (76%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E33DF5 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 E33DF5 by changing the saturation by 10% instead.



 E33DF5

 E33DF5

FFFFFF

 C50AD8

 FF7DF5

 A700BC

 FF9BFF

 8A00A0

 FFB9FF

 6D0085

 FFD7FF

 50006B

 FFF5FF

 350052

 12003A

 000223

 00000A

 E33DF5

 E33DF5

 E124F5

 E556F5

 DE0CF5

 E86EF5

 DD00F5

 EA86F5

 ED9FF5

 EFB7F5

 F1D0F5

 F4E9F5

 F6FFF5

 F9FFF5

# Harmonies

## Analogous

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



3B7CFF



E33DF5



FF00A0

# Triad

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



E33DF5



B88300



00B0D5

# Complementary

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



E33DF5



4FF53D

# 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.



00AE79



E33DF5



629D00

# Square

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



E33DF5



F75600



00A900



00ACFF

# Rectangle

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



E33DF5



FF0066



00A900



00B0B7



# Sweetspot

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



E33DF5



F9C4FF



3D4FF5



7C5C80



000000



808080



# Same Dimension

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



E33DF5



E919FF



F53DAB



796E7A



A800BA



35003B



# Inverse Universe

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



F53D4F



FF1930



3DF587



7A6E6F



BA0012



3B0006



# Previews

## White Background



This preview shows how the Hex color E33DF5 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

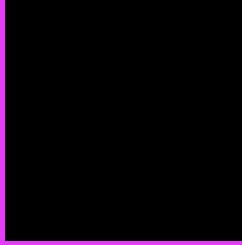
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E33DF5 Background



This preview shows how black text looks on a background with the Hex color E33DF5.

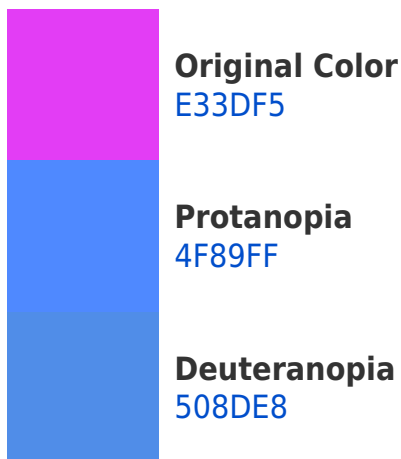



This preview shows how white text looks on a background with the Hex color E33DF5.

# 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**  
D36D74

# Trichromacy



**Original Color**  
E33DF5



**Protanomaly**  
856DFB



**Deuteranomaly**  
8570ED



**Tritanomaly**  
D95CA3

# Monochromacy



**Original Color**  
E33DF5



**Achromatopsia**  
848484



**Achromatomaly**  
A76AAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E33DF5 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 #E33DF5 looks like.

```
.text, #text, p{  
    color:#E33DF5  
}
```

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 #E33DF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E33DF5
}
```

## Border

The CSS property to change the border of an element to Hex E33DF5 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
#E33DF5 }
```

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

```
.border{ border-color:#E33DF5 }
```

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

Here you see how a box with a 4 pixel #E33DF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E33DF5; -webkit-box-shadow:4px 4px  
4px 4px #E33DF5; box-shadow:4px 4px 4px  
4px #E33DF5 }
```

# Background

The CSS property to change the background color of an element to Hex E33DF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E33DF5 }
```

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

```
.background{ background-color:#E33DF5 }
```

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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