

Converting Colors

Hex(E536E5)

Have a look what the booklet for
Hex(E536E5) contains.

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Color

Hex(E536E5)

Conversions

Conversions Part 1

Format	Color
Hex	E536E5
RGB	229, 54, 229
RGB Percent	90%, 21%, 90%
CMY	0.1020, 0.7882, 0.1020
CMYK	0.00, 0.76, 0.00, 0.10
HSL	300°, 77%, 55%
HSV	300°, 76%, 90%
XYZ	47.7751, 24.9535, 76.4272
YIQ	126.2750, 48.1250, 91.5250

Conversions

Conversions Part 2

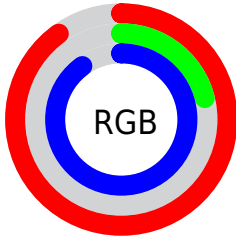
Format	Color
R _Y B	229, 54, 229
Decimal	15021797
CIE Lab	57.03, 82.76, -51.83
CIE LCh	57, 97.654, 327.944
Yxy	24.9535, 0.3203, 0.1673
Android (android.graphics.Color)	4293211877 (0xFFE536E5)
YUV	126.2750, 50.6434, 90.0898
Hunter-Lab	49.9535, 83.2975, -55.7444

Details

The Hex color **E536E5** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **36E536**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF78FF**, and **A900AD** is the 20% darker color. If you saturate the color by 10%, you get **E51FE5**, and if you desaturate by 10%, it is **E54DE5**.

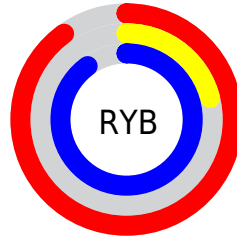
Distribution



Red (90%)

Green (21%)

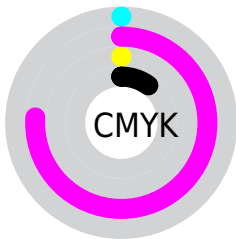
Blue (90%)



Red (90%)

Yellow (21%)

Blue (90%)

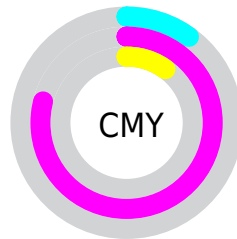


Cyan (0%)

Magenta (76%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (79%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color E536E5 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 E536E5 by changing the saturation by 10% instead.

 E536E5

 E536E5

FFFFFF

 C700C9

 FF78FF

 A900AD

 FF96FF

 8C0092

 FFB4FF

 6F0077

 FFD2FF

 52005E

 FFF0FF

 370045

 17002E

 000118

 000000

 E536E5

 E536E5

 E51FE5

 E54DE5

 E508E5

 E564E5

 E500E5

 E57BE5

 E592E5

 E5A8E5

 E5BFE5

 E5D6E5

 E5EDE5

 E5FFE5

Harmonies

Analogous

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



6275FF



E536E5



FF0093

Triad

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



E536E5



AC8400



00ABD7

Complementary

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



E536E5



36E536

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.



00AA80



E536E5



569A00

Square

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



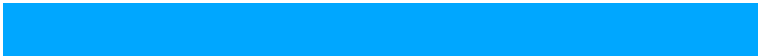
E536E5



EA5B00



00A51E



00A7FF

Rectangle

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



E536E5



FF005B



00A51E



00ABBB

Sweetspot

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



E536E5



FFC4FF



3636E5



805C80



000000



808080

Same Dimension

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



E536E5



FF14FF



E5368D



736773



B300B3



330033

Inverse Universe

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



E536E5



FF14FF



36E58D



736773



B300B3



330033

Previews

White Background



This preview shows how the Hex color E536E5 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

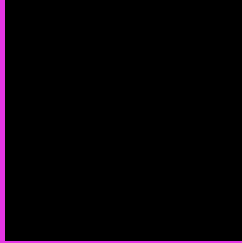
Any Text WCAG AA ✓ Pass

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 E536E5 Background



This preview shows how black text looks on a background with the Hex color E536E5.



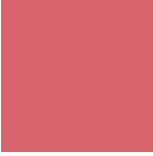
This preview shows how white text looks on a background with the Hex color E536E5.

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
D7646B

Trichromacy



Original Color
E536E5



Protanomaly
8168F6



Deuteranomaly
8E6BDD



Tritanomaly
DC5397

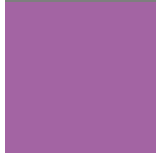
Monochromacy



Original Color
E536E5



Achromatopsia
7E7E7E



Achromatomaly
A364A3

CSS Examples

Text

The CSS property to change the color of the text to Hex E536E5 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 #E536E5 looks like.

```
.text, #text, p{  
    color:#E536E5  
}
```

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 #E536E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E536E5
}
```

Border

The CSS property to change the border of an element to Hex E536E5 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
#E536E5 }
```

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

```
.border{ border-color:#E536E5 }
```

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

Here you see how a box with a 4 pixel #E536E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E536E5; -webkit-box-shadow:4px 4px  
4px 4px #E536E5; box-shadow:4px 4px 4px  
4px #E536E5 }
```

Background

The CSS property to change the background color of an element to Hex E536E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E536E5 }
```

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

```
.background{ background-color:#E536E5 }
```

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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