

Converting Colors

Hex(E25BDF)

Have a look what the booklet for
Hex(E25BDF) contains.

Hex(E25BDF)	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(**E25BDF**)

Conversions

Conversions Part 1

Format	Color
Hex	E25BDF
RGB	226, 91, 223
RGB Percent	89%, 36%, 87%
CMY	0.1137, 0.6431, 0.1255
CMYK	0.00, 0.60, 0.01, 0.11
HSL	301°, 70%, 62%
HSV	301°, 60%, 89%
XYZ	48.4244, 28.9786, 72.8532
YIQ	146.4130, 38.0880, 69.6720

Conversions

Conversions Part 2

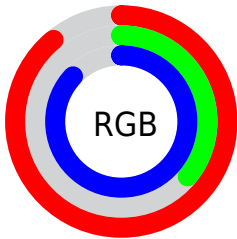
Format	Color
R _Y B	226, 91, 223
Decimal	14834655
CIE Lab	60.76, 68.47, -42.58
CIE LCh	61, 80.628, 328.124
Yxy	28.9786, 0.3223, 0.1929
Android (android.graphics.Color)	4293024735 (0xFFE25BDF)
YUV	146.4130, 37.7574, 69.7978
Hunter-Lab	53.8318, 66.3640, -42.5578

Details

The Hex color **E25BDF** 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 **5BE25E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF94FF**, and **A718A7** is the 20% darker color. If you saturate the color by 10%, you get **E244DE**, and if you desaturate by 10%, it is **E272E0**.

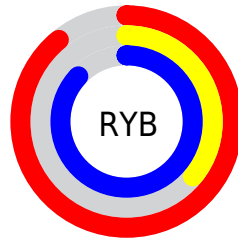
Distribution



Red (89%)

Green (36%)

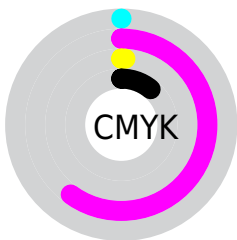
Blue (87%)



Red (89%)

Yellow (36%)

Blue (87%)

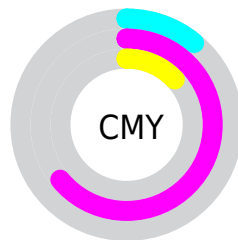


Cyan (0%)

Magenta (60%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (64%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color E25BDF 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 E25BDF by changing the saturation by 10% instead.

 E25BDF

 E25BDF

FFFFFF

 C43DC3

 FF94FF

 A718A7

 FFB1FF

 8B008C

 FFCEFF

 6F0072

 FFECFF

 530059

 3A0041

 1C002A

 000114

 000000

 E25BDF

 E25BDF

 E244DE

 E272E0

 E22EDE

 E288E0

 E217DD

 E29FE1

 E201DD

 E2B5E1

 E200DD

 E2CCE2

 E2E3E2

 E2F9E3

 E2FFE3

 E2FFE4

Harmonies

Analogous

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



8181FF



E25BDF



FF3B9A

Triad

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



E25BDF



B48E00



00B1D4

Complementary

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



E25BDF



5BE25E

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.



00B18C



E25BDF



6FA200

Square

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



E25BDF



EA7001



00AC41



00ACFF

Rectangle

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



E25BDF



FF406B



00AC41



00B2BD

Sweetspot

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



E25BDF



FFD1FE



5D5BE2



80637F



000000



808080

Same Dimension

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



E25BDF



FF47FB



E25B9C



706570



B000AC



30002F

Inverse Universe

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



E25BDF



FF47FB



5BE2A1



706570



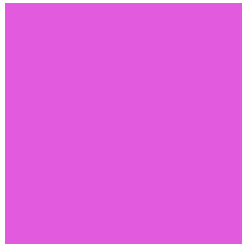
B000AC



30002F

Previews

White Background



This preview shows how the Hex color E25BDF looks on a white background.

Color Contrast Check

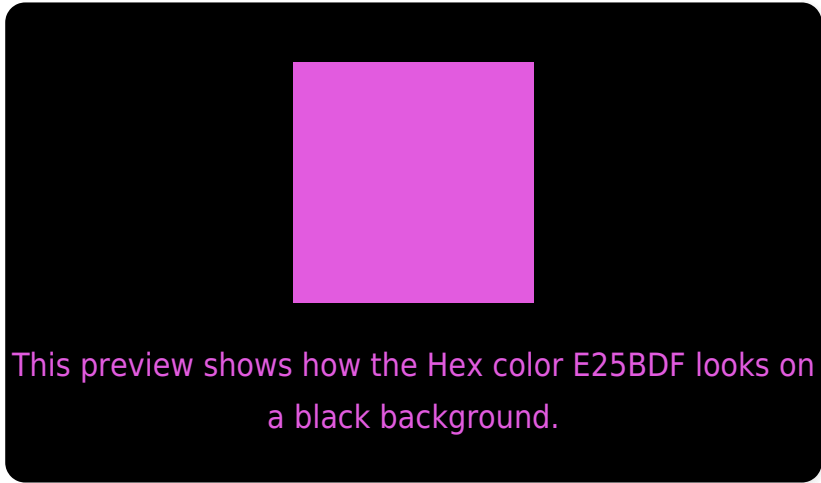
Large Text (above 18pt) WCAG AA ✓ Pass

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

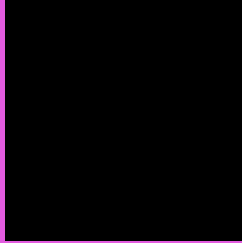
Any Text WCAG AA ✓ Pass

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 E25BDF Background



This preview shows how black text looks on a background with the Hex color E25BDF.

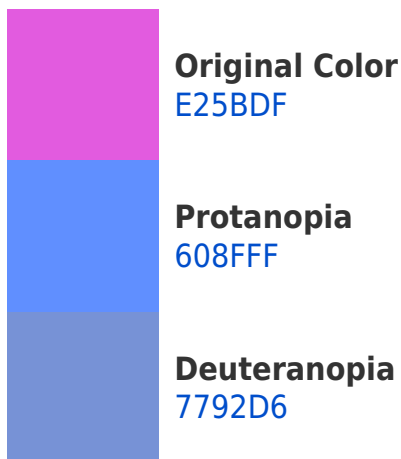


This preview shows how white text looks on a background with the Hex color E25BDF.

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](#).

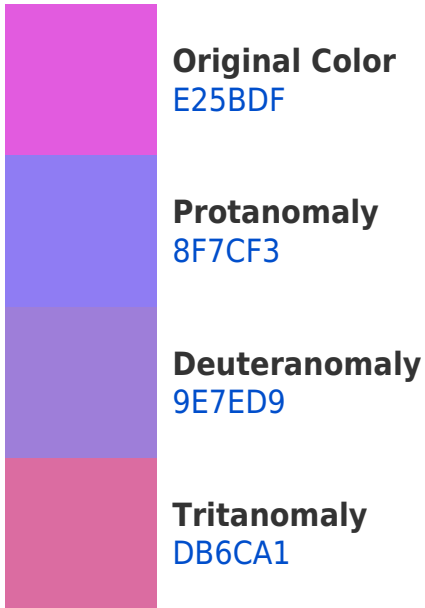
Dichromacy





Tritanopia
D7767E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E25BDF 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 #E25BDF looks like.

```
.text, #text, p{  
    color:#E25BDF  
}
```

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 #E25BDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E25BDF
}
```

Border

The CSS property to change the border of an element to Hex E25BDF 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
#E25BDF }
```

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

```
.border{ border-color:#E25BDF }
```

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

Here you see how a box with a 4 pixel #E25BDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E25BDF; -webkit-box-shadow:4px 4px  
4px 4px #E25BDF; box-shadow:4px 4px 4px  
4px #E25BDF }
```

Background

The CSS property to change the background color of an element to Hex E25BDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E25BDF }
```

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

```
.background{ background-color:#E25BDF }
```

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