

Converting Colors

Hex(E25CE2)

Have a look what the booklet for
Hex(E25CE2) contains.

Hex(E25CE2)	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(E25CE2)

Conversions

Conversions Part 1

Format	Color
Hex	E25CE2
RGB	226, 92, 226
RGB Percent	89%, 36%, 89%
CMY	0.1137, 0.6392, 0.1137
CMYK	0.00, 0.59, 0.00, 0.11
HSL	300°, 70%, 62%
HSV	300°, 59%, 89%
XYZ	48.9186, 29.3140, 75.0314
YIQ	147.3420, 36.8500, 70.0820

Conversions

Conversions Part 2

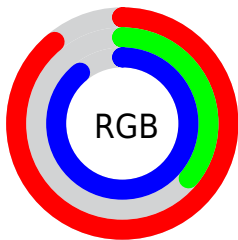
Format	Color
R _Y B	226, 92, 226
Decimal	14834914
CIE _{Lab}	61.06, 68.55, -43.80
CIE _{LCh}	61, 81.347, 327.426
Yxy	29.3140, 0.3192, 0.1913
Android (android.graphics.Color)	4293024994 (0xFFE25CE2)
YUV	147.3420, 38.7784, 68.9831
Hunter-Lab	54.1424, 66.5286, -44.2653

Details

The Hex color **E25CE2** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5CE25C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF95FF**, and **A71AAA** is the 20% darker color. If you saturate the color by 10%, you get **E245E2**, and if you desaturate by 10%, it is **E273E2**.

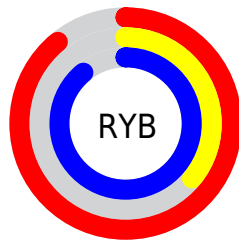
Distribution



Red (89%)

Green (36%)

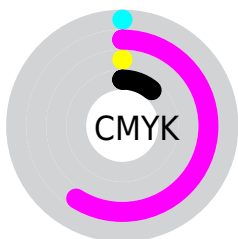
Blue (89%)



Red (89%)

Yellow (36%)

Blue (89%)

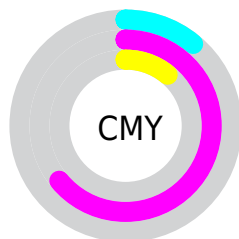


Cyan (0%)

Magenta (59%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (64%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color E25CE2 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 E25CE2 by changing the saturation by 10% instead.

 E25CE2

 E25CE2

FFFFFF

 C43EC6

 FF95FF

 A71AAA

 FFB2FF

 8B008F

 FFCFFF

 6F0075

 FFEDFF

 53005C

 3A0044

 1C002C

 000116

 000000

 E25CE2

 E25CE2

 E245E2

 E273E2

 E22FE2

 E289E2

 E218E2

 E2A0E2

 E202E2

 E2B6E2

 E200E2

 E2CDE2

 E2E4E2

 E2FAE2

 E2FFE2

Harmonies

Analogous

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



7E83FF



E25CE2



FF3B9D

Triad

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



E25CE2



B78E00



00B3D4

Complementary

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



E25CE2



5CE25C

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.



00B28B



E25CE2



71A200

Square

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



E25CE2



EC6F03



00AD3F



00ADFF

Rectangle

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



E25CE2



FF3F6D



00AD3F



00B3BD

Sweetspot

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



E25CE2



FFD1FF



5C5CE2



806380



000000



808080

Same Dimension

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



E25CE2



FF4AFF



E25C9F



706570



B000B0



300030

Inverse Universe

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



E25CE2



FF4AFF



5CE29F



706570



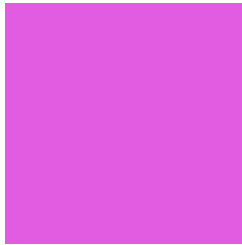
B000B0



300030

Previews

White Background



This preview shows how the Hex color E25CE2 looks on a white background.

Color Contrast Check

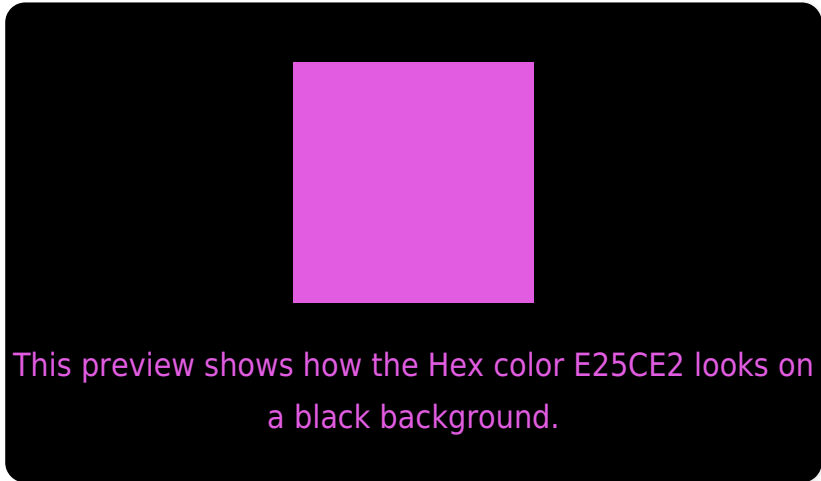
Large Text (above 18pt) WCAG AA ✓ Pass

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

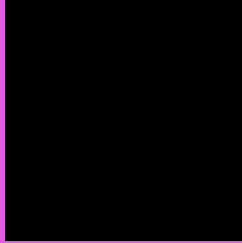
Any Text WCAG AA ✓ Pass

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 E25CE2 Background



This preview shows how black text looks on a background with the Hex color E25CE2.

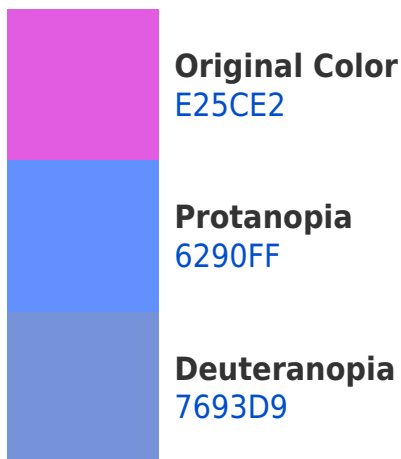


This preview shows how white text looks on a background with the Hex color E25CE2.

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](#).

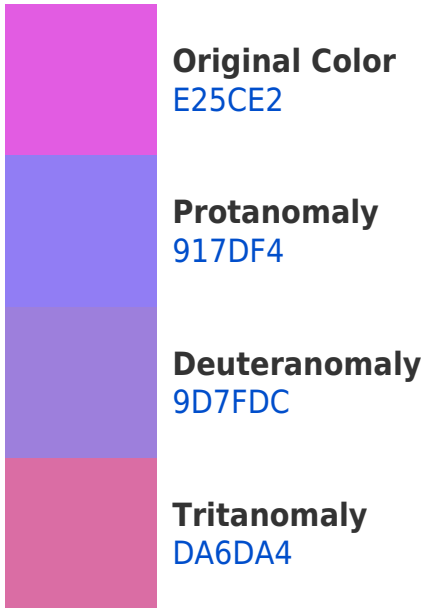
Dichromacy





Tritanopia
D67780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E25CE2 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 #E25CE2 looks like.

```
.text, #text, p{  
    color:#E25CE2  
}
```

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 #E25CE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E25CE2
}
```

Border

The CSS property to change the border of an element to Hex E25CE2 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
#E25CE2 }
```

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

```
.border{ border-color:#E25CE2 }
```

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

Here you see how a box with a 4 pixel #E25CE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E25CE2; -webkit-box-shadow:4px 4px  
4px 4px #E25CE2; box-shadow:4px 4px 4px  
4px #E25CE2 }
```

Background

The CSS property to change the background color of an element to Hex E25CE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E25CE2 }
```

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

```
.background{ background-color:#E25CE2 }
```

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