

Converting Colors

Hex(E233BD)

Have a look what the booklet for
Hex(E233BD) contains.

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Color

Hex(E233BD)

Conversions

Conversions Part 1

Format	Color
Hex	E233BD
RGB	226, 51, 189
RGB Percent	89%, 20%, 74%
CMY	0.1137, 0.8000, 0.2588
CMYK	0.00, 0.77, 0.16, 0.11
HSL	313°, 75%, 54%
HSV	313°, 77%, 89%
XYZ	41.7332, 22.2105, 50.2316
YIQ	119.0570, 60.0020, 80.0180

Conversions

Conversions Part 2

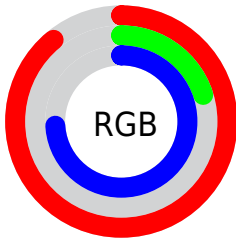
Format	Color
R _Y B	226, 51, 189
Decimal	14824381
CIE Lab	54.25, 77.23, -33.42
CIE LCh	54, 84.150, 336.601
Yxy	22.2105, 0.3655, 0.1945
Android (android.graphics.Color)	4293014461 (0xFFE233BD)
YUV	119.0570, 34.4819, 93.7890
Hunter-Lab	47.1280, 75.5925, -30.2048

Details

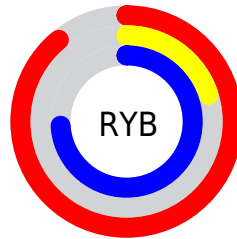
The Hex color **E233BD** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **33E258**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF74F6**, and **A60087** is the 20% darker color. If you saturate the color by 10%, you get **E21CB8**, and if you desaturate by 10%, it is **E24AC2**.

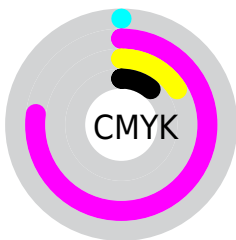
Distribution



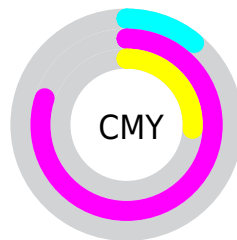
- Red (89%)
- Green (20%)
- Blue (74%)



- Red (89%)
- Yellow (20%)
- Blue (74%)



- Cyan (0%)
- Magenta (77%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (80%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color E233BD 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 E233BD by changing the saturation by 10% instead.

 E233BD

 E233BD

FFFFFF

 C400A2

 FF74F6

 A60087

 FF92FF

 89006E

 FFAFFF

 6C0055

 FFCDFD

 50003D

 FFE8FF

 350027

 10000F

 000000

 E233BD

 E233BD

 E21CB8

 E24AC2

 E206B3

 E260C7

 E200B2

 E277CB

 E28DD0

 E2A4D5

 E2BBDA

 E2D1DE

 E2E8E3

 E2FEE8

Harmonies

Analogous

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



9265F8



E233BD



FD0075

Triad

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



E233BD



8F8400



009FD8

Complementary

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



E233BD



33E258

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.



00A091



E233BD



3C9500

Square

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



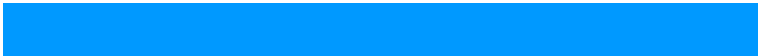
E233BD



CA6800



009D43



0099FF

Rectangle

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



E233BD



F92946



009D43



00A0C1

Sweetspot

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



E233BD



FFC4F3



5633E2



805C78



000000



808080

Same Dimension

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



E233BD



FF12CD



E23368



70656E



B0008B



300026

Inverse Universe

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



E233BD



FF12CD



33E2AE



70656E



B0008B



300026

Previews

White Background



This preview shows how the Hex color E233BD 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 E233BD Background



This preview shows how black text looks on a background with the Hex color E233BD.

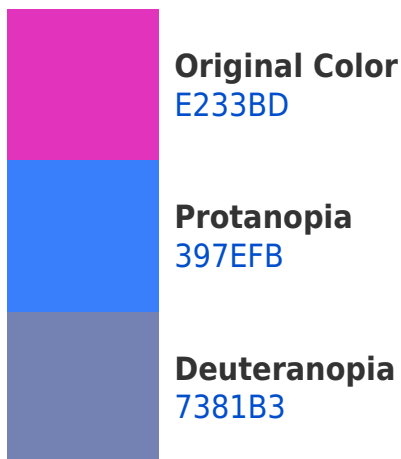


This preview shows how white text looks on a background with the Hex color E233BD.

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](#).

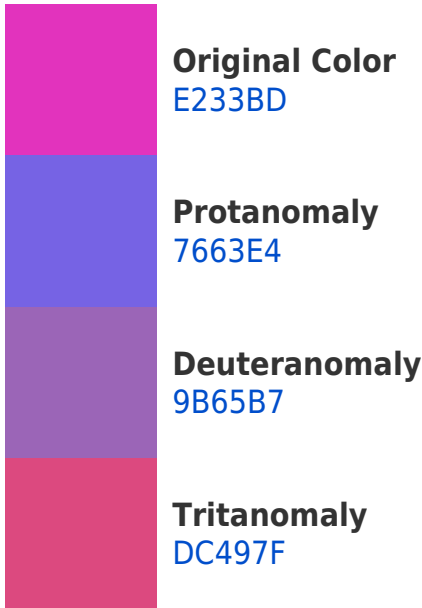
Dichromacy





Tritanopia
D9565B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E233BD 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 #E233BD looks like.

```
.text, #text, p{  
    color:#E233BD  
}
```

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 #E233BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E233BD
}
```

Border

The CSS property to change the border of an element to Hex E233BD 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
#E233BD }
```

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

```
.border{ border-color:#E233BD }
```

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

Here you see how a box with a 4 pixel #E233BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E233BD; -webkit-box-shadow:4px 4px  
4px 4px #E233BD; box-shadow:4px 4px 4px  
4px #E233BD }
```

Background

The CSS property to change the background color of an element to Hex E233BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E233BD }
```

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

```
.background{ background-color:#E233BD }
```

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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