

Converting Colors

Hex(EC25DB)

Have a look what the booklet for
Hex(EC25DB) contains.

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Color

Hex(EC25DB)

Conversions

Conversions Part 1

Format	Color
Hex	EC25DB
RGB	236, 37, 219
RGB Percent	93%, 15%, 86%
CMY	0.0745, 0.8549, 0.1412
CMYK	0.00, 0.84, 0.07, 0.07
HSL	305°, 84%, 54%
HSV	305°, 84%, 93%
XYZ	48.0398, 24.2705, 69.1705
YIQ	117.2490, 60.1820, 98.7900

Conversions

Conversions Part 2

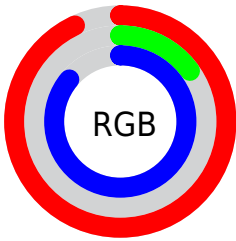
Format	Color
R_{YB}	236, 37, 219
Decimal	15476187
CIE _{Lab}	56.36, 86.40, -47.18
CIE _{LCh}	56, 98.437, 331.364
Yxy	24.2705, 0.3396, 0.1715
Android (android.graphics.Color)	4293666267 (0xFFEC25DB)
YUV	117.2490, 50.1632, 104.1446
Hunter-Lab	49.2651, 87.8467, -48.7604

Details

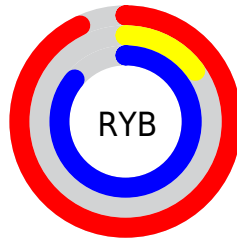
The Hex color **EC25DB** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **25EC36**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF6FFF**, and **AF00A3** is the 20% darker color. If you saturate the color by 10%, you get **EC0DD9**, and if you desaturate by 10%, it is **EC3DDD**.

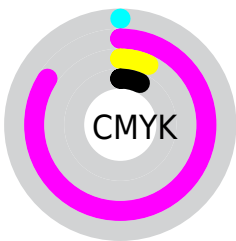
Distribution



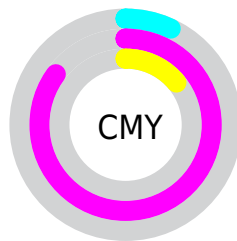
- Red (93%)
- Green (15%)
- Blue (86%)



- Red (93%)
- Yellow (15%)
- Blue (86%)



- Cyan (0%)
- Magenta (84%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (85%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC25DB 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 EC25DB by changing the saturation by 10% instead.

 EC25DB

 EC25DB

FFFFFF

 CE00BF

 FF6FFF

 AF00A3

 FF8EFF

 920089

 FFACFF

 75006F

 FFCBFF

 580055

 FFE9FF

 3C003D

 1E0026

 00010F

 000000

 EC25DB

 EC25DB

 EC0DD9

 EC3DDD

 EC00D8

 EC54DF

 EC6CE1

 EC83E3

 EC9BE5

 ECB3E7

 ECCAE9

 ECE2EB

 ECF9ED

Harmonies

Analogous

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



786DFF



EC25DB



FF0087

Triad

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



EC25DB



A18600



00A9DF

Complementary

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



EC25DB



25EC36

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.



00A989



EC25DB



459A00

Square

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



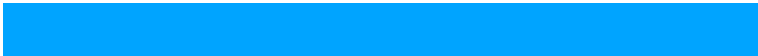
EC25DB



E25F00



00A429



00A4FF

Rectangle

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



EC25DB



FF0050



00A429



00AAC4

Sweetspot

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



EC25DB



FFBFFA



3625EC



80597C



000000



808080

Same Dimension

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



EC25DB



FF00E9



EC2578



756A74



B500A6



360031

Inverse Universe

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



EC25DB



FF00E9



25EC99



756A74



B500A6



360031

Previews

White Background



This preview shows how the Hex color EC25DB 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

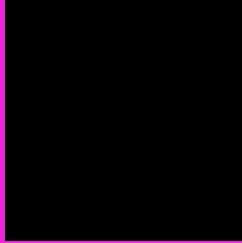
Any Text WCAG AA ✓ Pass

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 EC25DB Background



This preview shows how black text looks on a background with the Hex color EC25DB.

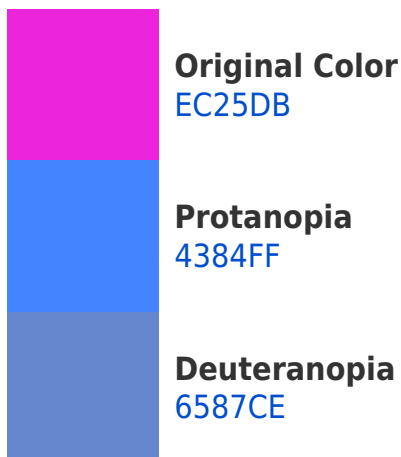


This preview shows how white text looks on a background with the Hex color EC25DB.

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
E05B61

Trichromacy



Original Color
EC25DB



Protanomaly
8061F2



Deuteranomaly
9663D3



Tritanomaly
E4478D

Monochromacy



Original Color
EC25DB



Achromatopsia
757575



Achromatomaly
A0589A

CSS Examples

Text

The CSS property to change the color of the text to Hex EC25DB 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 #EC25DB looks like.

```
.text, #text, p{  
    color:#EC25DB  
}
```

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 #EC25DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC25DB
}
```

Border

The CSS property to change the border of an element to Hex EC25DB 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
#EC25DB }
```

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

```
.border{ border-color:#EC25DB }
```

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

Here you see how a box with a 4 pixel #EC25DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC25DB; -webkit-box-shadow:4px 4px  
4px 4px #EC25DB; box-shadow:4px 4px 4px  
4px #EC25DB }
```

Background

The CSS property to change the background color of an element to Hex EC25DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC25DB }
```

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

```
.background{ background-color:#EC25DB }
```

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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