

# Converting Colors

Hex(E22BDB)

Have a look what the booklet for  
Hex(E22BDB) contains.

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# Color

Hex(**E22BDB**)

# Conversions

## Conversions Part 1

Format	Color
Hex	E22BDB
RGB	226, 43, 219
RGB Percent	89%, 17%, 86%
CMY	0.1137, 0.8314, 0.1412
CMYK	0.00, 0.81, 0.03, 0.11
HSL	302°, 76%, 53%
HSV	302°, 81%, 89%
XYZ	45.0141, 23.0110, 69.0869
YIQ	117.7810, 52.5720, 93.5320

# Conversions

## Conversions Part 2

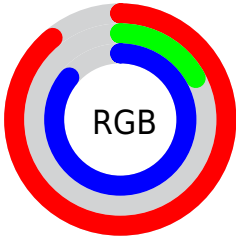
Format	Color
R <sub>YB</sub>	226, 43, 219
Decimal	14822363
CIE <sub>Lab</sub>	55.08, 83.34, -49.30
CIE <sub>LCh</sub>	55, 96.834, 329.393
Yxy	23.0110, 0.3283, 0.1678
Android (android.graphics.Color)	4293012443 (0xFFE22BDB)
YUV	117.7810, 49.9010, 94.9081
Hunter-Lab	47.9698, 83.5546, -51.8117

# Details

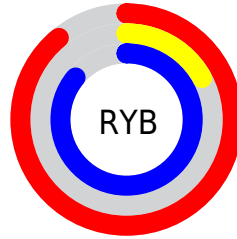
The Hex color **E22BDB** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **2BE232**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF70FF**, and **A600A3** is the 20% darker color. If you saturate the color by 10%, you get **E214DA**, and if you desaturate by 10%, it is **E242DC**.

# Distribution



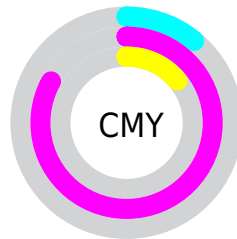
- Red (89%)
- Green (17%)
- Blue (86%)



- Red (89%)
- Yellow (17%)
- Blue (86%)



- Cyan (0%)
- Magenta (81%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (83%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E22BDB 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 E22BDB by changing the saturation by 10% instead.



 E22BDB

 E22BDB

FFFFFF

 C400BF

 FF70FF

 A600A3

 FF8FFF

 890088

 FFADFF

 6C006E

 FFCBFF

 4F0055

 FFE9FF

 34003D

 120026

 00010F

 000000

 E22BDB

 E22BDB

 E214DA

 E242DC

 E200D9

 E258DD

 E26FDE

 E285DE

 E29CDF

 E2B3E0

 E2C9E1

 E2E0E2

 E2F6E3

# Harmonies

## Analogous

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



686EFF



E22BDB



FF008A

# Triad

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



E22BDB



A28000



00A6D5

# Complementary

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



E22BDB



2BE232

# 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.



00A580



E22BDB



4B9600

# Square

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



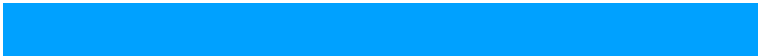
E22BDB



E15900



00A020



00A1FF

# Rectangle

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



E22BDB



FF0053



00A020



00A6BA



# Sweetspot

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



E22BDB



FFC2FD



312BE2



805B7E



000000



808080



# Same Dimension

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



E22BDB



FF08F6



E22B80



706570



B000A9



30002F



# Inverse Universe

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



E22BDB



FF08F6



2BE28D



706570



B000A9



30002F



# Previews

## White Background



This preview shows how the Hex color E22BDB 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

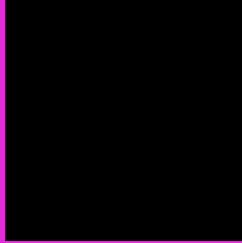
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E22BDB Background



This preview shows how black text looks on a background with the Hex color E22BDB.

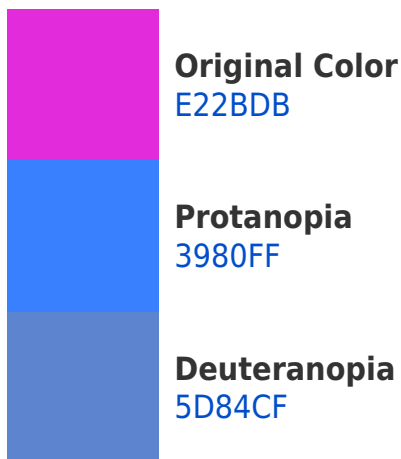



This preview shows how white text looks on a background with the Hex color E22BDB.

# 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**  
D55D63

# Trichromacy



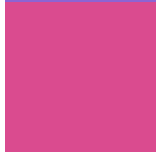
**Original Color**  
E22BDB



**Protanomaly**  
7661F2



**Deuteranomaly**  
8D64D3



**Tritanomaly**  
DA4B8F

# Monochromacy



**Original Color**  
E22BDB



**Achromatopsia**  
767676



**Achromatomaly**  
9D5B9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E22BDB 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 #E22BDB looks like.

```
.text, #text, p{  
    color:#E22BDB  
}
```

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 #E22BDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E22BDB
}
```

## Border

The CSS property to change the border of an element to Hex E22BDB 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
#E22BDB }
```

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

```
.border{ border-color:#E22BDB }
```

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

Here you see how a box with a 4 pixel #E22BDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E22BDB; -webkit-box-shadow:4px 4px  
4px 4px #E22BDB; box-shadow:4px 4px 4px  
4px #E22BDB }
```

# Background

The CSS property to change the background color of an element to Hex E22BDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E22BDB }
```

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

```
.background{ background-color:#E22BDB }
```

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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