

Converting Colors

Hex(E22BB8)

Have a look what the booklet for
Hex(E22BB8) contains.

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Color

Hex(E22BB8)

Conversions

Conversions Part 1

Format	Color
Hex	E22BB8
RGB	226, 43, 184
RGB Percent	89%, 17%, 72%
CMY	0.1137, 0.8314, 0.2784
CMYK	0.00, 0.81, 0.19, 0.11
HSL	314°, 76%, 53%
HSV	314°, 81%, 89%
XYZ	40.8796, 21.3572, 47.3152
YIQ	113.7910, 63.8070, 82.6470

Conversions

Conversions Part 2

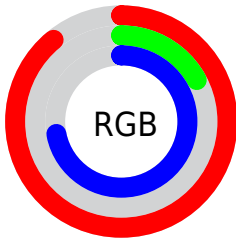
Format	Color
R _Y B	226, 43, 184
Decimal	14822328
CIE Lab	53.34, 78.55, -31.94
CIE LCh	53, 84.794, 337.873
Yxy	21.3572, 0.3732, 0.1950
Android (android.graphics.Color)	4293012408 (0xFFE22BB8)
YUV	113.7910, 34.6130, 98.4073
Hunter-Lab	46.2138, 77.0225, -28.3532

Details

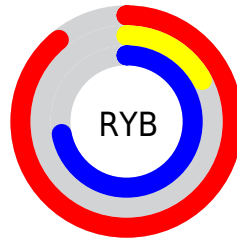
The Hex color **E22BB8** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **2BE255**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF6FF0**, and **A60083** is the 20% darker color. If you saturate the color by 10%, you get **E214B3**, and if you desaturate by 10%, it is **E242BD**.

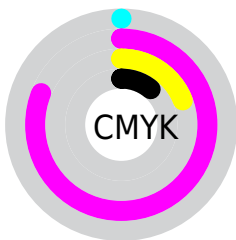
Distribution



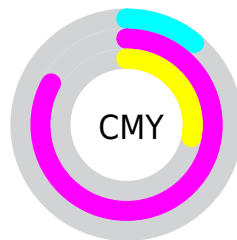
- Red (89%)
- Green (17%)
- Blue (72%)



- Red (89%)
- Yellow (17%)
- Blue (72%)



- Cyan (0%)
- Magenta (81%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (83%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color E22BB8 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 E22BB8 by changing the saturation by 10% instead.

 E22BB8

 E22BB8

FFFFFF

 C4009D

 FF6FF0

 A60083

 FF8DFF

 890069

 FFABFF

 6C0050

 FFC9FF

 500039

 FFE7FF

 340023

 0D0008

 000000

 E22BB8

 E22BB8

 E214B3

 E242BD

 E200AE

 E258C2

 E26FC8

 E285CD

 E29CD2

 E2B3D7

 E2C9DC

 E2E0E1

 E2F6E7

Harmonies

Analogous

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



9461F4



E22BB8



FC0070

Triad

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



E22BB8



8A8300



009DD8

Complementary

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



E22BB8



2BE255

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.



009E91



E22BB8



329300

Square

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



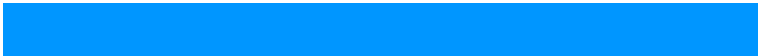
E22BB8



C56700



009B44



0096FF

Rectangle

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



E22BB8



F62540



009B44



009EC2

Sweetspot

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



E22BB8



FFC2F1



532BE2



805B77



000000



808080

Same Dimension

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



E22BB8



FF08C6



E22B5F



70656E



B00088



300025

Inverse Universe

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



E22BB8



FF08C6



2BE2AE



70656E



B00088



300025

Previews

White Background



This preview shows how the Hex color E22BB8 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 E22BB8 Background



This preview shows how black text looks on a background with the Hex color E22BB8.

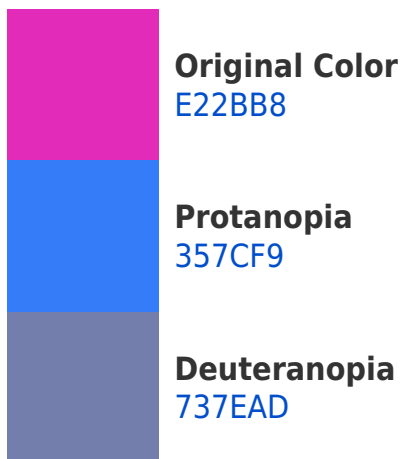



This preview shows how white text looks on a background with the Hex color E22BB8.

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
D95156

Trichromacy



Original Color
E22BB8



Protanomaly
745FE1



Deuteranomaly
9B60B1



Tritanomaly
DC437A

Monochromacy



Original Color
E22BB8



Achromatopsia
727272



Achromatomaly
9B588B

CSS Examples

Text

The CSS property to change the color of the text to Hex E22BB8 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 #E22BB8 looks like.

```
.text, #text, p{  
    color:#E22BB8  
}
```

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 #E22BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E22BB8
}
```

Border

The CSS property to change the border of an element to Hex E22BB8 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
#E22BB8 }
```

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

```
.border{ border-color:#E22BB8 }
```

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

Here you see how a box with a 4 pixel #E22BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E22BB8; -webkit-box-shadow:4px 4px  
4px 4px #E22BB8; box-shadow:4px 4px 4px  
4px #E22BB8 }
```

Background

The CSS property to change the background color of an element to Hex E22BB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E22BB8 }
```

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

```
.background{ background-color:#E22BB8 }
```

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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