

Converting Colors

Hex(E22FE2)

Have a look what the booklet for
Hex(E22FE2) contains.

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Color

Hex(E22FE2)

Conversions

Conversions Part 1

Format	Color
Hex	E22FE2
RGB	226, 47, 226
RGB Percent	89%, 18%, 89%
CMY	0.1137, 0.8157, 0.1137
CMYK	0.00, 0.79, 0.00, 0.11
HSL	300°, 76%, 54%
HSV	300°, 79%, 89%
XYZ	46.1080, 23.6928, 74.0945
YIQ	120.9270, 49.2250, 93.6170

Conversions

Conversions Part 2

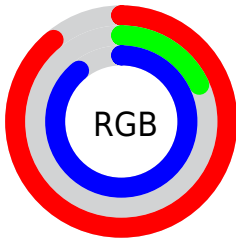
Format	Color
R _Y B	226, 47, 226
Decimal	14823394
CIE _{Lab}	55.78, 83.48, -52.16
CIE _{LCh}	56, 98.434, 328.002
Y _{xy}	23.6928, 0.3204, 0.1647
Android (android.graphics.Color)	4293013474 (0xFFE22FE2)
YUV	120.9270, 51.8010, 92.1490
Hunter-Lab	48.6752, 83.9040, -56.1799

Details

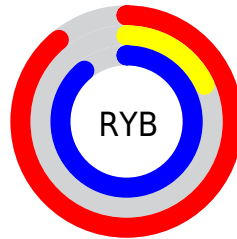
The Hex color **E22FE2** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **2FE22F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF73FF**, and **A600AA** is the 20% darker color. If you saturate the color by 10%, you get **E218E2**, and if you desaturate by 10%, it is **E246E2**.

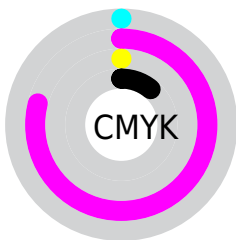
Distribution



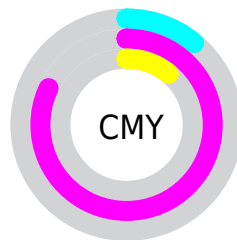
- Red (89%)
- Green (18%)
- Blue (89%)



- Red (89%)
- Yellow (18%)
- Blue (89%)



- Cyan (0%)
- Magenta (79%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (82%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color E22FE2 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 E22FE2 by changing the saturation by 10% instead.

 E22FE2

 E22FE2

FFFFFF

 C400C6

 FF73FF

 A600AA

 FF91FF

 89008F

 FFAFFF

 6C0075

 FFCDFD

 4F005B

 FFE0FF

 340043

 12002B

 000115

 000000

 E22FE2

 E22FE2

 E218E2

 E246E2

 E202E2

 E25CE2

 E200E2

 E273E2

 E289E2

 E2A0E2

 E2B7E2

 E2CDE2

 E2E4E2

 E2FAE2

Harmonies

Analogous

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



5D71FF



E22FE2



FF008F

Triad

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



E22FE2



A88100



00A8D5

Complementary

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



E22FE2



2FE22F

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.



00A77D



E22FE2



519700

Square

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



E22FE2



E75800



00A218



00A4FF

Rectangle

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



E22FE2



FF0057



00A218



00A8B9

Sweetspot

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



E22FE2



FFC2FF



2F2FE2



805B80



000000



808080

Same Dimension

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



E22FE2



FF0DFF



E22F89



706570



B000B0



300030

Inverse Universe

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



E22FE2



FF0DFF



2FE289



706570



B000B0



300030

Previews

White Background



This preview shows how the Hex color E22FE2 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

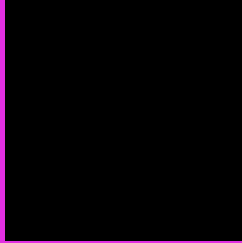
Any Text WCAG AA ✓ Pass

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 E22FE2 Background



This preview shows how black text looks on a background with the Hex color E22FE2.



This preview shows how white text looks on a background with the Hex color E22FE2.

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
D46167

Trichromacy



Original Color
E22FE2



Protanomaly
7A64F4



Deuteranomaly
8B66DA



Tritanomaly
D94F94

Monochromacy



Original Color
E22FE2



Achromatopsia
797979



Achromatomaly
9F5E9F

CSS Examples

Text

The CSS property to change the color of the text to Hex E22FE2 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 #E22FE2 looks like.

```
.text, #text, p{  
    color:#E22FE2  
}
```

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 #E22FE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E22FE2
}
```

Border

The CSS property to change the border of an element to Hex E22FE2 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
#E22FE2 }
```

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

```
.border{ border-color:#E22FE2 }
```

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

Here you see how a box with a 4 pixel #E22FE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E22FE2; -webkit-box-shadow:4px 4px  
4px 4px #E22FE2; box-shadow:4px 4px 4px  
4px #E22FE2 }
```

Background

The CSS property to change the background color of an element to Hex E22FE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E22FE2 }
```

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

```
.background{ background-color:#E22FE2 }
```

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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