

# Converting Colors

Hex(E322FD)

Have a look what the booklet for  
Hex(E322FD) contains.

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# Color

Hex(E322FD)

# Conversions

## Conversions Part 1

Format	Color
Hex	E322FD
RGB	227, 34, 253
RGB Percent	89%, 13%, 99%
CMY	0.1098, 0.8667, 0.0078
CMYK	0.10, 0.87, 0.00, 0.01
HSL	293°, 98%, 56%
HSV	293°, 87%, 99%
XYZ	49.9802, 24.5668, 95.0361
YIQ	116.6730, 44.7290, 109.0250

# Conversions

## Conversions Part 2

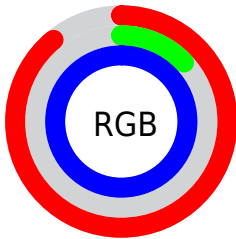
Format	Color
R <sub>Y</sub> B	227, 34, 253
Decimal	14885629
CIE Lab	56.65, 90.42, -65.87
CIE LCh	57, 111.875, 323.926
Yxy	24.5668, 0.2947, 0.1449
Android (android.graphics.Color)	4293075709 (0xFFE322FD)
YUV	116.6730, 67.2092, 96.7568
Hunter-Lab	49.5649, 93.2571, -78.9877

# Details

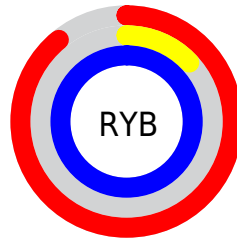
The Hex color **E322FD** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **3CFD22**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF6EFF**, and **A600C3** is the 20% darker color. If you saturate the color by 10%, you get **E009FD**, and if you desaturate by 10%, it is **E63BFD**.

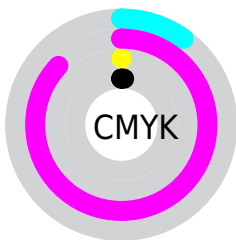
# Distribution



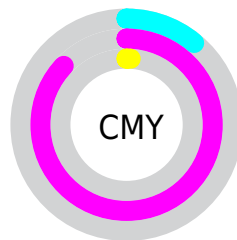
- Red (89%)
- Green (13%)
- Blue (99%)



- Red (89%)
- Yellow (13%)
- Blue (99%)



- Cyan (10%)
- Magenta (87%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (87%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E322FD 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 E322FD by changing the saturation by 10% instead.



 E322FD

 E322FD

FFFFFF

 C400E0

 FF6EFF

 A600C3

 FF8DFF

 8800A7

 FFABFF

 6B008C

 FFCAFF

 4D0072

 FFE8FF

 300058

 080040

 000328

 000112

 E322FD

 E322FD

 E009FD

 E63BFD

 DF00FD

 E955FD

 EC6EFD

 EF87FD

 F2A0FD

 F5BAFD

 F8D3FD

 FBECFD

FEFFFD

# Harmonies

## Analogous

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



0078FF



E322FD



FF00A0

# Triad

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



E322FD



B67E00



00ADD5

# Complementary

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



E322FD



3CFD22

# 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.



00AB70



E322FD



579900

# Square

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



E322FD



FB4500



00A600



00ABFF

# Rectangle

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



E322FD



FF0061



00A600



00ADB5



# Sweetspot

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



E322FD



F7BDFF



223FFD



7B5880



000000



808080



# Same Dimension

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



E322FD



E100FF



FD22AD



7E7380



A900BF



380040



# Inverse Universe

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



FD223C



FF001E



22FD72



807374



BF0017



400008



# Previews

## White Background



This preview shows how the Hex color E322FD 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

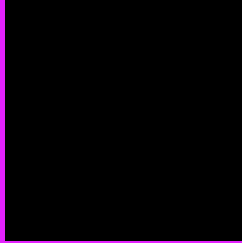
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E322FD Background



This preview shows how black text looks on a background with the Hex color E322FD.

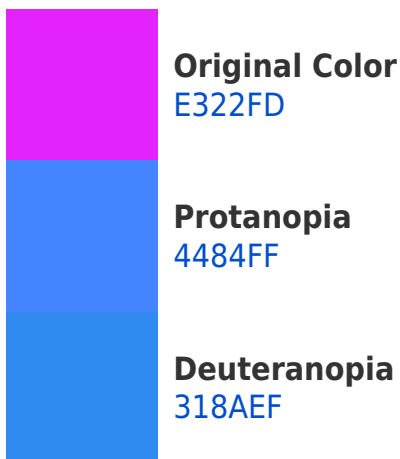


This preview shows how white text looks on a background with the Hex color E322FD.

# 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](#).

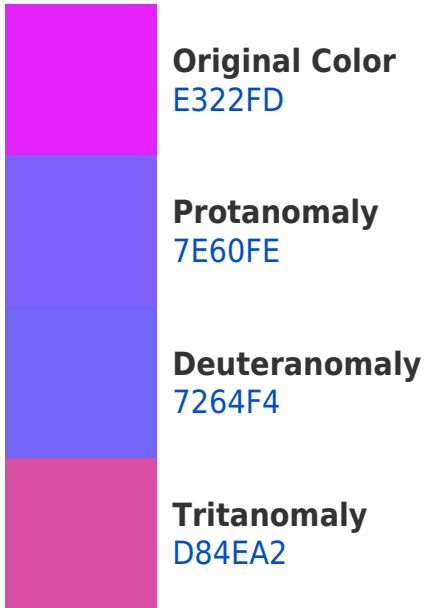
## Dichromacy





**Tritanopia**  
D1676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E322FD 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 #E322FD looks like.

```
.text, #text, p{  
    color:#E322FD  
}
```

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 #E322FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E322FD
}
```

## Border

The CSS property to change the border of an element to Hex E322FD 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
#E322FD }
```

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

```
.border{ border-color:#E322FD }
```

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

Here you see how a box with a 4 pixel #E322FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E322FD; -webkit-box-shadow:4px 4px  
4px 4px #E322FD; box-shadow:4px 4px 4px  
4px #E322FD }
```

# Background

The CSS property to change the background color of an element to Hex E322FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E322FD }
```

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

```
.background{ background-color:#E322FD }
```

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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