

# Converting Colors

Hex(E23AF8)

Have a look what the booklet for  
Hex(E23AF8) contains.

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# Color

Hex(E23AF8)

# Conversions

## Conversions Part 1

Format	Color
Hex	E23AF8
RGB	226, 58, 248
RGB Percent	89%, 23%, 97%
CMY	0.1137, 0.7725, 0.0275
CMYK	0.09, 0.77, 0.00, 0.03
HSL	293°, 93%, 60%
HSV	293°, 77%, 97%
XYZ	49.8204, 25.9722, 91.1942
YIQ	129.8920, 39.1380, 94.7060

# Conversions

## Conversions Part 2

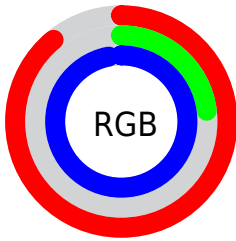
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	226, 58, 248
Decimal	14826232
CIE <sub>Lab</sub>	58.01, 84.13, -60.92
CIE <sub>LCh</sub>	58, 103.872, 324.092
Yxy	25.9722, 0.2983, 0.1555
Android (android.graphics.Color)	4293016312 (0xFFE23AF8)
YUV	129.8920, 58.2272, 84.2867
Hunter-Lab	50.9629, 85.3131, -70.4209

# Details

The Hex color **E23AF8** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **50F83A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7BFF**, and **A600BF** is the 20% darker color. If you saturate the color by 10%, you get **DF21F8**, and if you desaturate by 10%, it is **E553F8**.

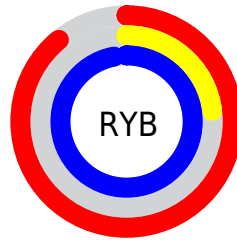
# Distribution



Red (89%)

Green (23%)

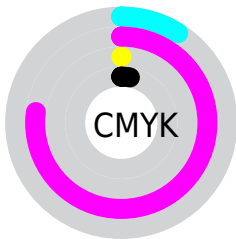
Blue (97%)



Red (89%)

Yellow (23%)

Blue (97%)

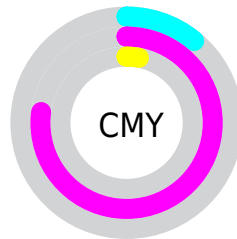


Cyan (9%)

Magenta (77%)

Yellow (0%)

Black (3%)



Cyan (11%)

Magenta (77%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E23AF8 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 E23AF8 by changing the saturation by 10% instead.



 E23AF8

 E23AF8

FFFFFF

 C400DB

 FF7BF8

 A600BF

 FF99FF

 8900A3

 FFB7FF

 6B0088

 FFD5FF

 4E006E

 FFF3FF

 330055

 0E003C

 000225

 00010E

 E23AF8

 E23AF8

 DF21F8

 E553F8

 DC08F8

 E86CF8

 DB00F8

 EB84F8

 ED9DF8

 F0B6F8

 F3CFF8

 F6E8F8

 F9FFF8

 FCFFF8

# Harmonies

## Analogous

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



237CFF



E23AF8



FF00A2

# Triad

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



E23AF8



B98200



00B0D4

# Complementary

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



E23AF8



50F83A

# 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.



00AE76



E23AF8



619C00

# Square

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



E23AF8



F95200



00A800



00ACFF

# Rectangle

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



E23AF8



FF0066



00A800



00AFB6



# Sweetspot

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



E23AF8



F8C4FF



3A50F8



7B5C80



000000



808080



# Same Dimension

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



E23AF8



E414FF



F83AAF



7C707D



A700BD



36003D



# Inverse Universe

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



F83A50



FF1430



3AF883



7D7072



BD0016

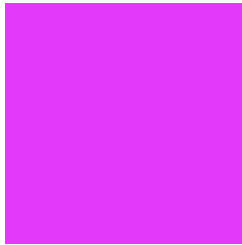


3D0007



# Previews

## White Background



This preview shows how the Hex color E23AF8 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

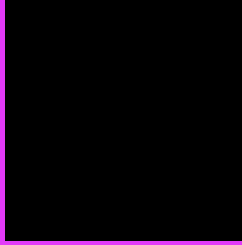
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E23AF8 Background



This preview shows how black text looks on a background with the Hex color E23AF8.




This preview shows how white text looks on a background with the Hex color E23AF8.

# 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](#).

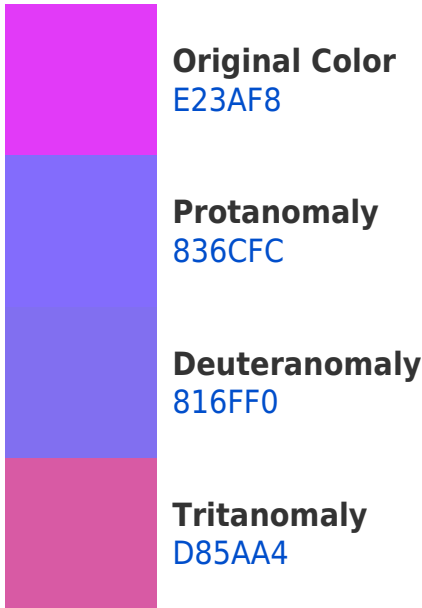
## Dichromacy



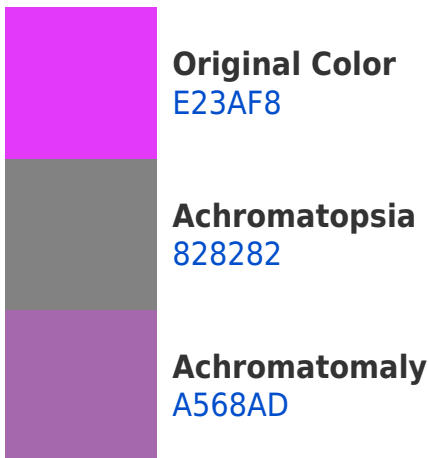


**Tritanopia**  
D26C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E23AF8 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 #E23AF8 looks like.

```
.text, #text, p{  
    color:#E23AF8  
}
```

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 #E23AF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E23AF8
}
```

## Border

The CSS property to change the border of an element to Hex E23AF8 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
#E23AF8 }
```

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

```
.border{ border-color:#E23AF8 }
```

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

Here you see how a box with a 4 pixel #E23AF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E23AF8; -webkit-box-shadow:4px 4px  
4px 4px #E23AF8; box-shadow:4px 4px 4px  
4px #E23AF8 }
```

# Background

The CSS property to change the background color of an element to Hex E23AF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E23AF8 }
```

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

```
.background{ background-color:#E23AF8 }
```

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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