

Converting Colors

Hex(238FEA)

Have a look what the booklet for
Hex(238FEA) contains.

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Color

Hex(238FEA)

Conversions

Conversions Part 1

Format	Color
Hex	238FEA
RGB	35, 143, 234
RGB Percent	14%, 56%, 92%
CMY	0.8627, 0.4392, 0.0824
CMYK	0.85, 0.39, 0.00, 0.08
HSL	207°, 83%, 53%
HSV	207°, 85%, 92%
XYZ	25.3669, 25.9428, 81.5124
YIQ	121.0820, -93.5790, 5.4050

Conversions

Conversions Part 2

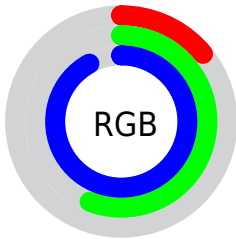
Format	Color
RYB	35, 105, 234
Decimal	2330602
CIELab	57.98, 3.03, -54.04
CIELCh	58, 54.129, 273.207
Yxy	25.9428, 0.1910, 0.1953
Android (android.graphics.Color)	4280520682 (0xFF238FEA)
YUV	121.0820, 55.6686, -75.4939
Hunter-Lab	50.9340, -0.2355, -59.2310

Details

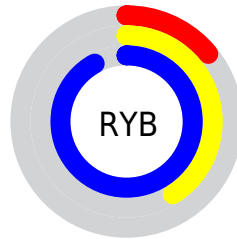
The Hex color **238FEA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **EA7E23**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **73C4FF**, and **005DB2** is the 20% darker color. If you saturate the color by 10%, you get **0C84EA**, and if you desaturate by 10%, it is **3A9AEA**.

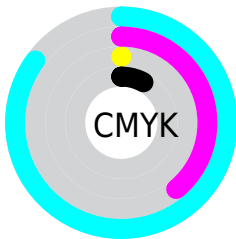
Distribution



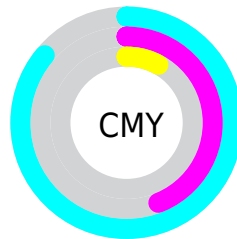
- Red (14%)
- Green (56%)
- Blue (92%)



- Red (14%)
- Yellow (41%)
- Blue (92%)



- Cyan (85%)
- Magenta (39%)
- Yellow (0%)
- Black (8%)



- Cyan (86%)
- Magenta (44%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 238FEA 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 238FEA by changing the saturation by 10% instead.

 238FEA

 238FEA

FFFFFF

 0076CD

 73C4FF

 005DB2

 94E0FF

 004696

 B3FDFF

 00317C

 D2FFFF

 001D63

 F1FFFF

 00094A

 000433

 00021D

 000000

■ 238FEA

■ 238FEA

■ 0C84EA

■ 3A9AEA

■ 007FEA

■ 52A4EA

■ 69AFEA

■ 81BAEA

■ 98C5EA

■ AFCFEA

■ C7DAEA

■ DEE5EA

■ F6EFEA

Harmonies

Analogous

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



009BDF



238FEA



947DDB

Triad

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



238FEA



DE675A



209F5F

Complementary

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



238FEA



EA7E23

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.



6F9736



238FEA



C67935

Square

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



238FEA



E05F88



A08B24



00A28F

Rectangle

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



238FEA



BB6FC5



A08B24



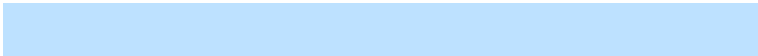
449D50

Sweetspot

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



238FEA



BDE1FF



23EA7D



586D80



000000



808080

Same Dimension

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



238FEA



008AFF



232DEA



6A7075



0062B5



001D36

Inverse Universe

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



EA238F



FF008A



EAE023



756A70



B50062



36001D

Previews

White Background



This preview shows how the Hex color 238FEA looks on a white background.

Color Contrast Check

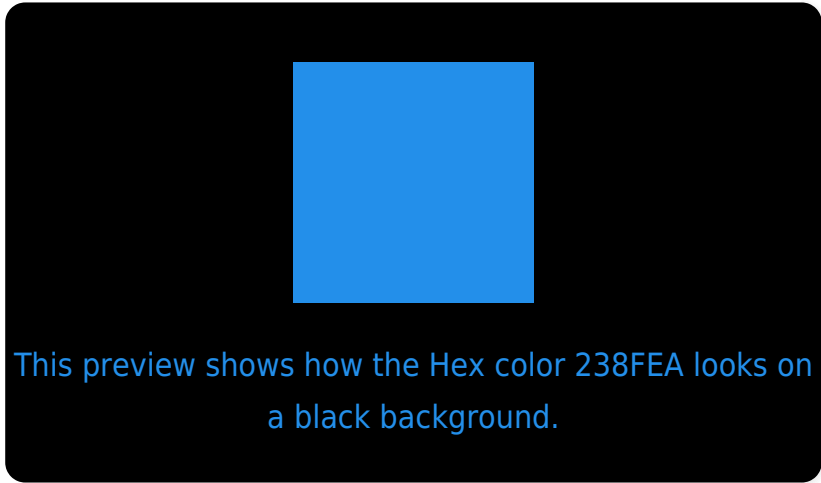
Large Text (above 18pt) WCAG AA ✓ Pass

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

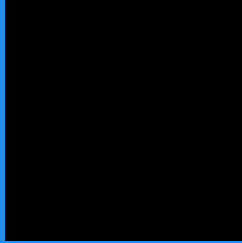
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

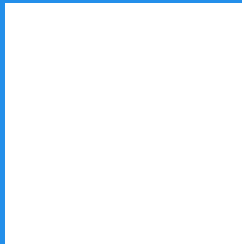
Any Text WCAG AAA × Fail

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

Hex 238FEA Background



This preview shows how black text looks on a background with the Hex color 238FEA.

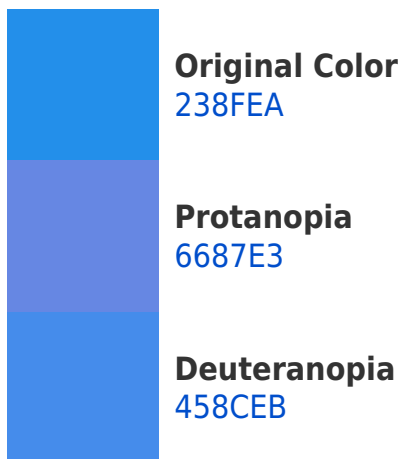


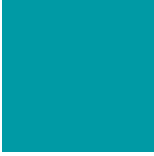
This preview shows how white text looks on a background with the Hex color 238FEA.

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](#).

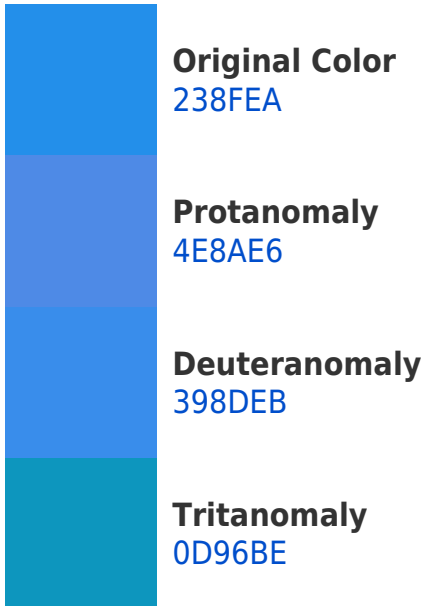
Dichromacy



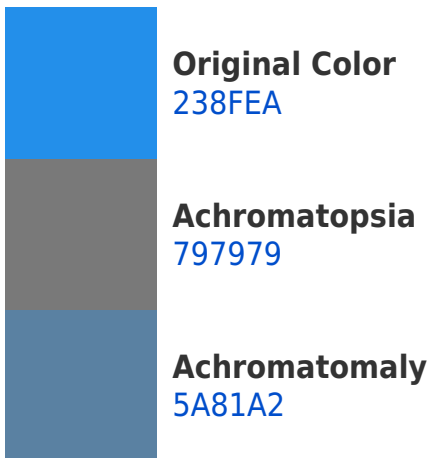


Tritanopia
009AA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 238FEA 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 #238FEA looks like.

```
.text, #text, p{  
    color:#238FEA  
}
```

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 #238FEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238FEA
}
```

Border

The CSS property to change the border of an element to Hex 238FEA 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
#238FEA }
```

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

```
.border{ border-color:#238FEA }
```

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

Here you see how a box with a 4 pixel #238FEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238FEA; -webkit-box-shadow:4px 4px  
4px 4px #238FEA; box-shadow:4px 4px 4px  
4px #238FEA }
```

Background

The CSS property to change the background color of an element to Hex 238FEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238FEA }
```

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

```
.background{ background-color:#238FEA }
```

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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