

# Converting Colors

Hex(248AF2)

Have a look what the booklet for  
Hex(248AF2) contains.

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**Color**

**Hex(248AF2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	248AF2
RGB	36, 138, 242
RGB Percent	14%, 54%, 95%
CMY	0.8588, 0.4588, 0.0510
CMYK	0.85, 0.43, 0.00, 0.05
HSL	210°, 89%, 55%
HSV	210°, 85%, 95%
XYZ	25.8430, 24.9628, 87.4606
YIQ	119.3580, -94.1760, 10.7200

# Conversions

## Conversions Part 2

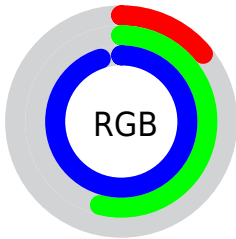
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	36, 104, 242
Decimal	2394866
CIE Lab	57.04, 9.10, -59.99
CIE LCh	57, 60.671, 278.623
Yxy	24.9628, 0.1869, 0.1805
Android (android.graphics.Color)	4280584946 (0xFF248AF2)
YUV	119.3580, 60.4625, -73.1050
Hunter-Lab	49.9628, 4.8934, -68.8140

# Details

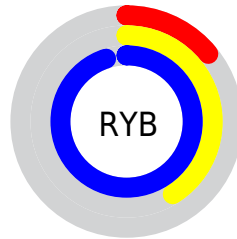
The Hex color **248AF2** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F28C24**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **76BFFF**, and **0059B9** is the 20% darker color. If you saturate the color by 10%, you get **0C7EF2**, and if you desaturate by 10%, it is **3C96F2**.

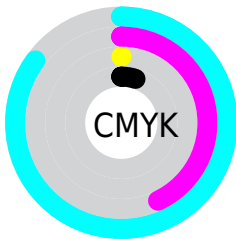
# Distribution



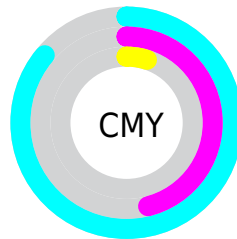
- Red (14%)
- Green (54%)
- Blue (95%)



- Red (14%)
- Yellow (41%)
- Blue (95%)



- Cyan (85%)
- Magenta (43%)
- Yellow (0%)
- Black (5%)



- Cyan (86%)
- Magenta (46%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 248AF2 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 248AF2 by changing the saturation by 10% instead.



 248AF2

 248AF2

FFFFFF

 0071D5

 76BFFF

 0059B9

 96DAFF

 00429E

 B6F7FF

 002D83

 D5FFFF

 001B69

 F4FFFF

 000A50

 000538

 000222

 000008

■ 248AF2

■ 248AF2

■ 0C7EF2

■ 3C96F2

■ 0078F2

■ 54A2F2

■ 6DAFF2

■ 85BBF2

■ 9DC7F2

■ B5D3F2

■ CDE0F2

■ E6ECF2

■ FEF8F2

# Harmonies

## Analogous

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



0099EB



248AF2



9E74DC

# Triad

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



248AF2



DF6249



009F60

# Complementary

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



248AF2



F28C24

# 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.



5C982E



248AF2



C1781F

# Square

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



248AF2



E8547C



958B08



00A297

# Rectangle

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



248AF2



C664C1



958B08



159D4F

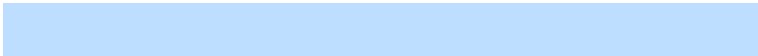


# Sweetspot

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



248AF2



BDDEFF



24F28B



586C80



000000



808080



# Same Dimension

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



248AF2



007EFF



2424F2



6C7278



005BB8



001C38



# Inverse Universe

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



F2248A



FF007E



F2F224



786C72



B8005B



38001C



# Previews

## White Background



This preview shows how the Hex color 248AF2 looks on a white background.

## Color Contrast Check

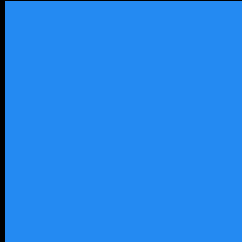
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 248AF2 looks on a 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

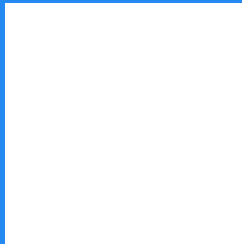
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 248AF2 Background



This preview shows how black text looks on a background with the Hex color 248AF2.

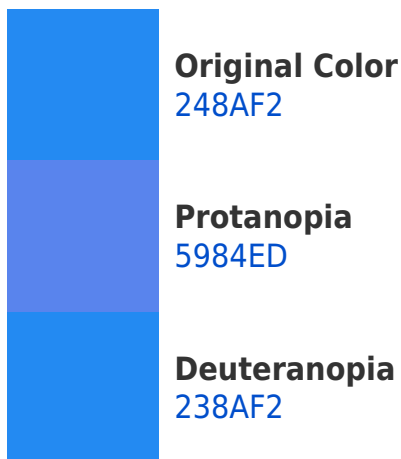


This preview shows how white text looks on a background with the Hex color 248AF2.

# 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



# Trichromacy



**Original Color**  
248AF2

**Protanomaly**  
4686EF

**Deuteranomaly**  
238AF2

# Monochromacy



**Original Color**  
248AF2

**Achromatopsia**  
777777

**Achromatomaly**  
597EA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 248AF2 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 #248AF2 looks like.

```
.text, #text, p{  
    color:#248AF2  
}
```

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 #248AF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248AF2
}
```

## Border

The CSS property to change the border of an element to Hex 248AF2 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
#248AF2 }
```

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

```
.border{ border-color:#248AF2 }
```

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

Here you see how a box with a 4 pixel #248AF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248AF2; -webkit-box-shadow:4px 4px  
4px 4px #248AF2; box-shadow:4px 4px 4px  
4px #248AF2 }
```

# Background

The CSS property to change the background color of an element to Hex 248AF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248AF2 }
```

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

```
.background{ background-color:#248AF2 }
```

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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