

# Converting Colors

Hex(248AF4)

Have a look what the booklet for  
Hex(248AF4) contains.

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**Color**

**Hex(248AF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	248AF4
RGB	36, 138, 244
RGB Percent	14%, 54%, 96%
CMY	0.8588, 0.4588, 0.0431
CMYK	0.85, 0.43, 0.00, 0.04
HSL	211°, 90%, 55%
HSV	211°, 85%, 96%
XYZ	26.1452, 25.0837, 89.0516
YIQ	119.5860, -94.8180, 11.3420

# Conversions

## Conversions Part 2

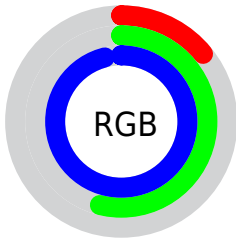
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	36, 104, 244
Decimal	2394868
CIE Lab	57.16, 9.85, -60.90
CIE LCh	57, 61.694, 279.184
Yxy	25.0837, 0.1864, 0.1788
Android (android.graphics.Color)	4280584948 (0xFF248AF4)
YUV	119.5860, 61.3361, -73.3049
Hunter-Lab	50.0836, 5.5361, -70.3626

# Details

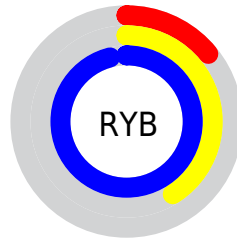
The Hex color **248AF4** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F48E24**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **76BFFF**, and **0059BB** is the 20% darker color. If you saturate the color by 10%, you get **0C7EF4**, and if you desaturate by 10%, it is **3C96F4**.

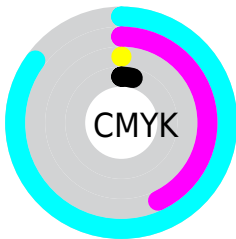
# Distribution



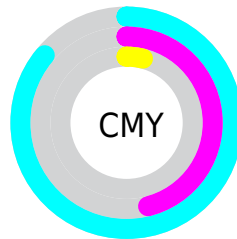
- Red (14%)
- Green (54%)
- Blue (96%)



- Red (14%)
- Yellow (41%)
- Blue (96%)



- Cyan (85%)
- Magenta (43%)
- Yellow (0%)
- Black (4%)



- Cyan (86%)
- Magenta (46%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 248AF4 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 248AF4 by changing the saturation by 10% instead.



■ 248AF4

■ 248AF4

FFFFFF

■ 0071D7

■ 76BFFF

■ 0059BB

■ 97DAFF

■ 00429F

■ B6F7FF

■ 002E85

■ D6FFFF

■ 001B6B

■ F5FFFF

■ 000B52

■ 00053A

■ 000223

■ 00000A

 248AF4

 248AF4

 0C7EF4

 3C96F4

 0078F4

 55A3F4

 6DAFF4

 86BCF4

 9EC8F4

 B6D5F4

 CFE1F4

 E7EDF4

 FFFAF4

# Harmonies

## Analogous

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



0099EE



248AF4



A073DD

# Triad

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



248AF4



E16248



00A061

# Complementary

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



248AF4



F48E24

# 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.



5A992E



248AF4



C2791B

# Square

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



248AF4



EA537B



948C03



00A299

# Rectangle

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



248AF4



C863C1



948C03



079E4F

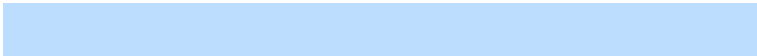


# Sweetspot

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



248AF4



BDDDFE



24F48C



586B80



000000



808080



# Same Dimension

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



248AF4



007DFF



2424F4



6E747A



005BBA



001D3B



# Inverse Universe

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



F4248A



FF007D



F4F424



7A6E74



BA005B

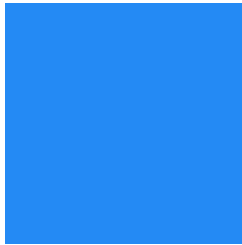


3B001D



# Previews

## White Background



This preview shows how the Hex color 248AF4 looks on a white background.

## Color Contrast Check

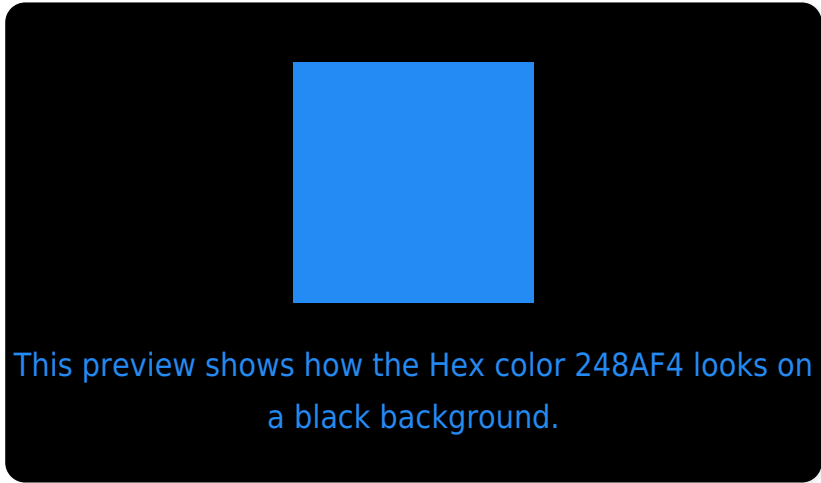
Large Text (above 18pt) WCAG AA ✓ Pass

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

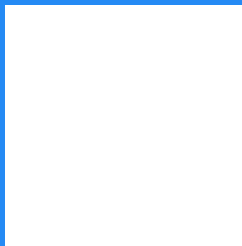
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 248AF4 Background



This preview shows how black text looks on a background with the Hex color 248AF4.

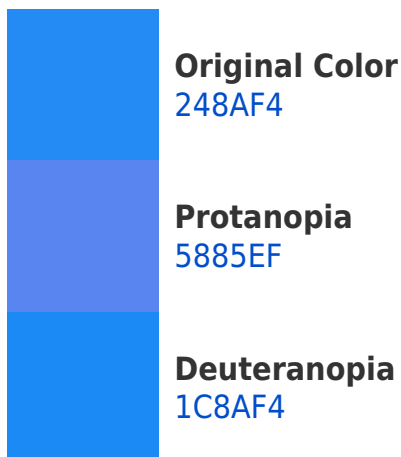


This preview shows how white text looks on a background with the Hex color 248AF4.

# 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](#).

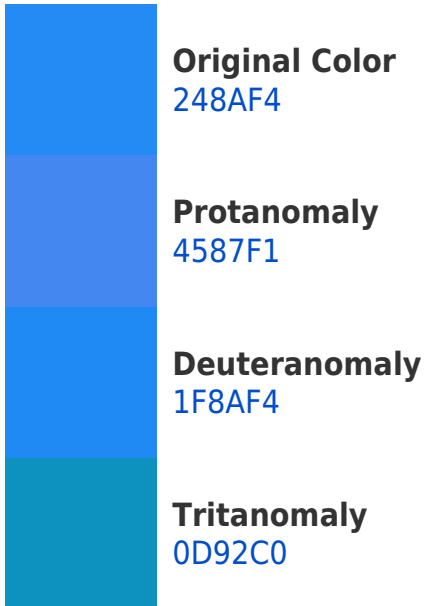
## Dichromacy



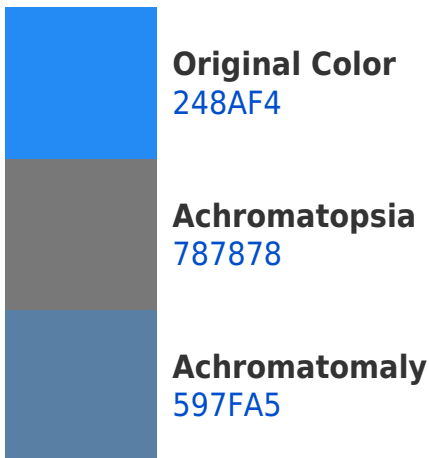


**Tritanopia**  
0097A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 248AF4 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 #248AF4 looks like.

```
.text, #text, p{  
    color:#248AF4  
}
```

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 #248AF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248AF4
}
```

## Border

The CSS property to change the border of an element to Hex 248AF4 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
#248AF4 }
```

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

```
.border{ border-color:#248AF4 }
```

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

Here you see how a box with a 4 pixel #248AF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248AF4; -webkit-box-shadow:4px 4px  
4px 4px #248AF4; box-shadow:4px 4px 4px  
4px #248AF4 }
```

# Background

The CSS property to change the background color of an element to Hex 248AF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248AF4 }
```

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

```
.background{ background-color:#248AF4 }
```

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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