

# Converting Colors

Hex(247EC4)

Have a look what the booklet for  
Hex(247EC4) contains.

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# Color

Hex(247EC4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	247EC4
RGB	36, 126, 196
RGB Percent	14%, 49%, 77%
CMY	0.8588, 0.5059, 0.2314
CMYK	0.82, 0.36, 0.00, 0.23
HSL	206°, 69%, 45%
HSV	206°, 82%, 77%
XYZ	18.1522, 19.2823, 54.9897
YIQ	107.0700, -76.1100, 2.6900

# Conversions

## Conversions Part 2

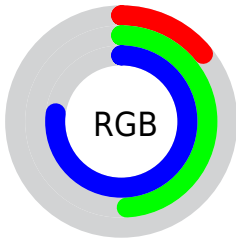
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 94, 196
Decimal	2391748
CIE <sub>Lab</sub>	51.02, -0.92, -43.73
CIE <sub>LCh</sub>	51, 43.736, 268.791
Yxy	19.2823, 0.1964, 0.2086
Android (android.graphics.Color)	4280581828 (0xFF247EC4)
YUV	107.0700, 43.8425, -62.3284
Hunter-Lab	43.9116, -3.0569, -43.5096

# Details

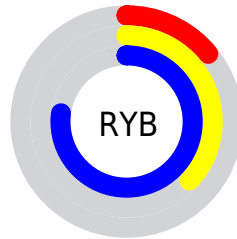
The Hex color **247EC4** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C46A24**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6BB2FD**, and **004E8E** is the 20% darker color. If you saturate the color by 10%, you get **1075C4**, and if you desaturate by 10%, it is **3887C4**.

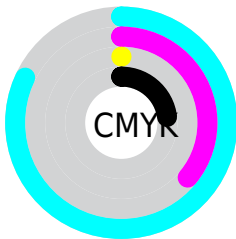
# Distribution



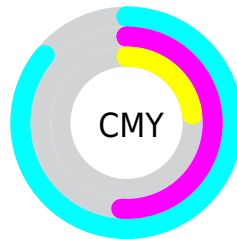
- Red (14%)
- Green (49%)
- Blue (77%)



- Red (14%)
- Yellow (37%)
- Blue (77%)



- Cyan (82%)
- Magenta (36%)
- Yellow (0%)
- Black (23%)



- Cyan (86%)
- Magenta (51%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 247EC4 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 247EC4 by changing the saturation by 10% instead.



■ 247EC4

■ 247EC4

FFFFFF

■ 0065A9

■ 6BB2FD

■ 004E8E

■ 8ACEFF

■ 003774

■ A8EAFF

■ 00235B

■ C6FFFF

■ 000B43

■ E4FFFF

■ 00032C

■ 000116

■ 000000

■ 247EC4

■ 247EC4

■ 1075C4

■ 3887C4

■ 006EC4

■ 4B8FC4

■ 5F98C4

■ 72A0C4

■ 86A9C4

■ 9AB1C4

■ ADBAC4

■ C1C3C4

■ D4CBC4

# Harmonies

## Analogous

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



0087B9



247EC4



7970BB

# Triad

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



247EC4



BD5D58



398951

# Complementary

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



247EC4



C46A24

# 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.



6B8235



247EC4



AD693A

# Square

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



247EC4



BC597D



90772B



008C77

# Rectangle

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



247EC4



9966AB



90772B



4C8746

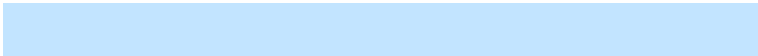


# Sweetspot

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



247EC4



C2E4FF



24C469



5B6F80



000000



808080

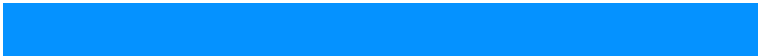


# Same Dimension

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



247EC4



0592FF



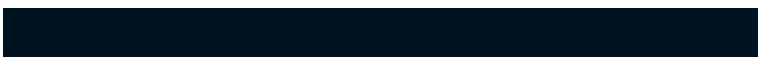
242FC4



575D61



005AA1



001321



# Inverse Universe

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



C4247E



FF0592



C4B924



61575D



A1005A



210013



# Previews

## White Background



This preview shows how the Hex color 247EC4 looks on a white background.

## Color Contrast Check

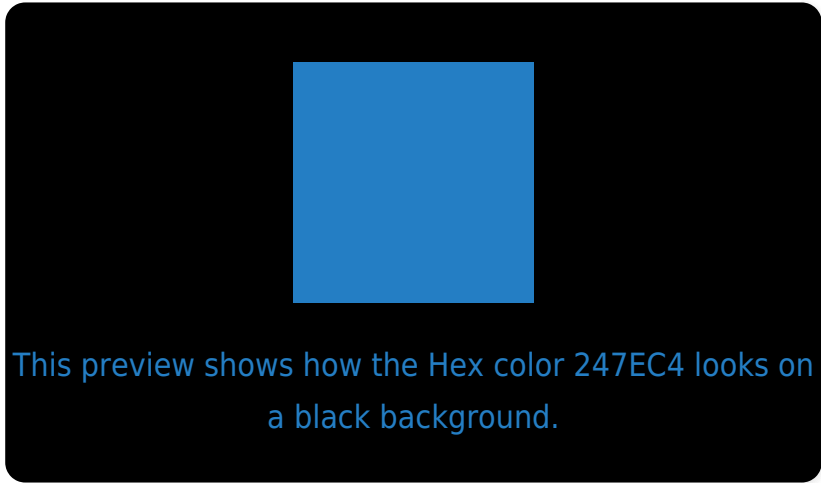
Large Text (above 18pt) WCAG AA ✓ Pass

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

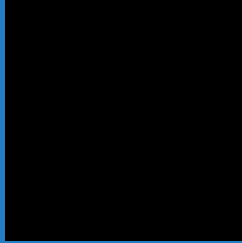
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 247EC4 Background



This preview shows how black text looks on a background with the Hex color 247EC4.

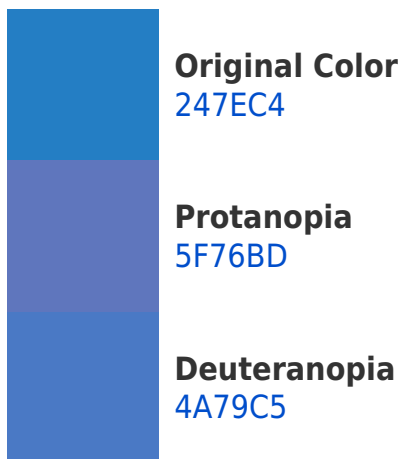


This preview shows how white text looks on a background with the Hex color 247EC4.

# 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](#).

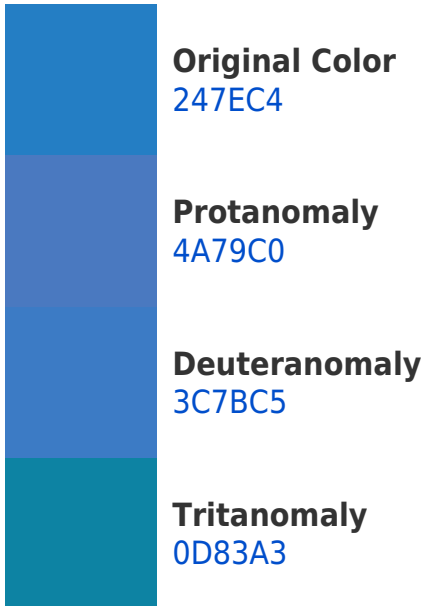
## Dichromacy



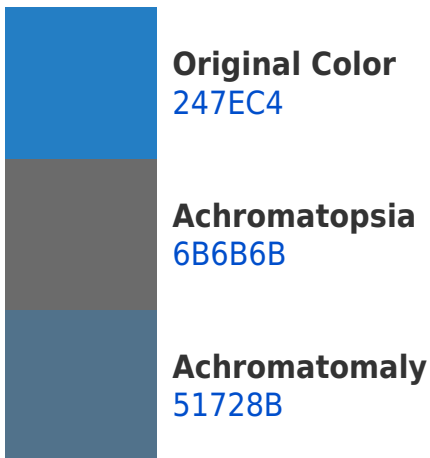


**Tritanopia**  
008690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 247EC4 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 #247EC4 looks like.

```
.text, #text, p{  
    color:#247EC4  
}
```

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 #247EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247EC4
}
```

## Border

The CSS property to change the border of an element to Hex 247EC4 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
#247EC4 }
```

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

```
.border{ border-color:#247EC4 }
```

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

Here you see how a box with a 4 pixel #247EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247EC4; -webkit-box-shadow:4px 4px  
4px 4px #247EC4; box-shadow:4px 4px 4px  
4px #247EC4 }
```

# Background

The CSS property to change the background color of an element to Hex 247EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247EC4 }
```

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

```
.background{ background-color:#247EC4 }
```

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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