

Converting Colors

Hex(637FA4)

Have a look what the booklet for
Hex(637FA4) contains.

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Color

Hex(637FA4)

Conversions

Conversions Part 1

Format	Color
Hex	637FA4
RGB	99, 127, 164
RGB Percent	39%, 50%, 64%
CMY	0.6118, 0.5020, 0.3569
CMYK	0.40, 0.23, 0.00, 0.36
HSL	214°, 26%, 52%
HSV	214°, 40%, 64%
XYZ	19.4358, 20.5117, 38.0567
YIQ	122.8460, -28.5650, 5.5710

Conversions

Conversions Part 2

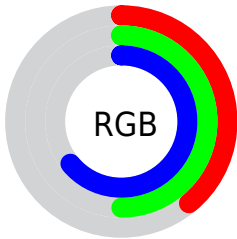
Format	Color
R _Y B	99, 119, 164
Decimal	6520740
CIE Lab	52.41, -0.30, -22.93
CIE LCh	52, 22.934, 269.244
Yxy	20.5117, 0.2492, 0.2630
Android (android.graphics.Color)	4284710820 (0xFF637FA4)
YUV	122.8460, 20.2889, -20.9129
Hunter-Lab	45.2899, -2.6554, -18.1180

Details

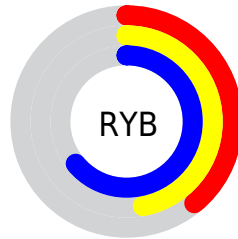
The Hex color **637FA4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A48863**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **98B4DB**, and **304E70** is the 20% darker color. If you saturate the color by 10%, you get **5376A4**, and if you desaturate by 10%, it is **7388A4**.

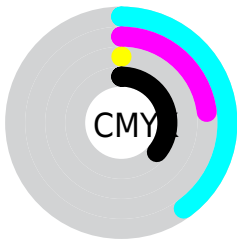
Distribution



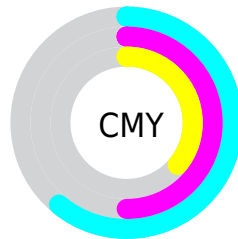
- Red (39%)
- Green (50%)
- Blue (64%)



- Red (39%)
- Yellow (47%)
- Blue (64%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637FA4 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 637FA4 by changing the saturation by 10% instead.

■ 637FA4

■ 637FA4

FFFFFF

■ 49668A

■ 98B4DB

■ 304E70

■ B3CFF8

■ 153758

■ D0EBFF

■ 002240

■ ECFE99

■ 000C2A

■ 000115

■ 000000

■ 637FA4

■ 637FA4

■ 5376A4

■ 7388A4

■ 426CA4

■ 8492A4

■ 3263A4

■ 949BA4

■ 215AA4

■ A5A4A4

■ 1150A4

■ B5AEA4

■ 0147A4

■ C5B7A4

■ 0047A4

■ D6C0A4

■ E6CAA4

■ F7D3A4

Harmonies

Analogous

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



49849E



637FA4



7F789F

Triad

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



637FA4



A4706B



608668

Complementary

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



637FA4



A48863

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.



77825A



637FA4



9C755C

Square

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



637FA4



A26F7E



8B7C56



4B887C

Rectangle

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



637FA4



8F7497



8B7C56



688563

Sweetspot

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



637FA4



BCC8D6



63A488



5C636B



EBEBEB



6B6B6B

Same Dimension

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



637FA4



6F9CD6



6763A4



494D52



003F91



000812

Inverse Universe

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



A4637F



D66F9C



A0A463



52494D



91003F



120008

Previews

White Background



This preview shows how the Hex color 637FA4 looks on a white background.

Color Contrast Check

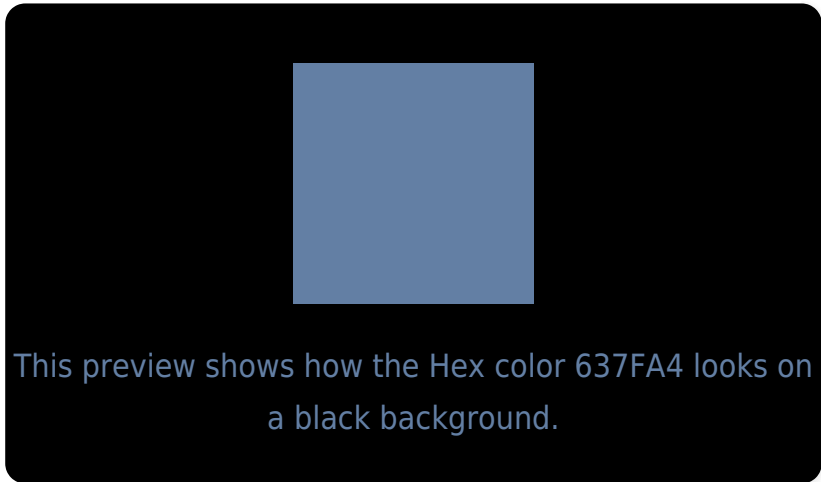
Large Text (above 18pt) WCAG AA ✓ Pass

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

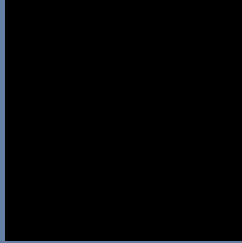
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

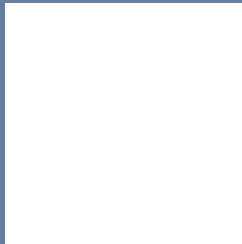
Any Text WCAG AAA × Fail

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

Hex 637FA4 Background



This preview shows how black text looks on a background with the Hex color 637FA4.

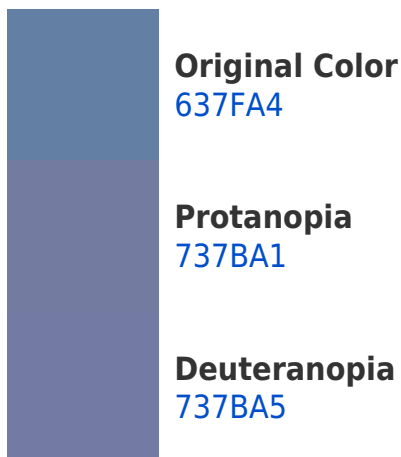



This preview shows how white text looks on a background with the Hex color 637FA4.

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](#).

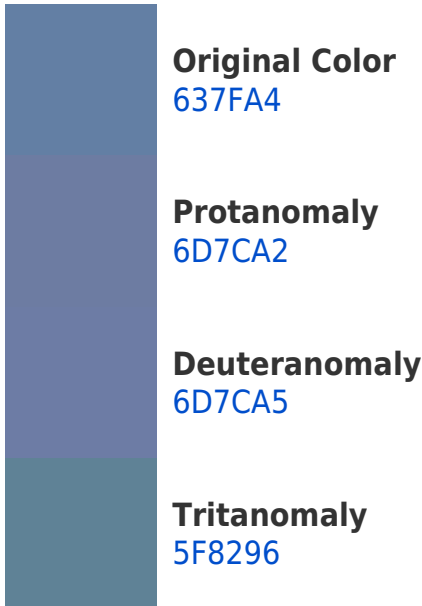
Dichromacy



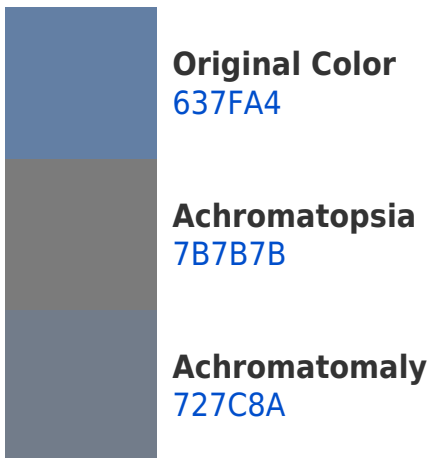


Tritanopia
5D838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 637FA4 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 #637FA4 looks like.

```
.text, #text, p{  
    color:#637FA4  
}
```

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 #637FA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637FA4  
}
```

Border

The CSS property to change the border of an element to Hex 637FA4 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  
#637FA4 }
```

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

```
.border{ border-color:#637FA4 }
```

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

Here you see how a box with a 4 pixel #637FA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637FA4; -webkit-box-shadow:4px 4px  
4px 4px #637FA4; box-shadow:4px 4px 4px  
4px #637FA4 }
```

Background

The CSS property to change the background color of an element to Hex 637FA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637FA4 }
```

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

```
.background{ background-color:#637FA4 }
```

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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