

Converting Colors

Hex(637EAF)

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

Hex(637EAF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(637EAF)

Conversions

Conversions Part 1

Format	Color
Hex	637EAF
RGB	99, 126, 175
RGB Percent	39%, 49%, 69%
CMY	0.6118, 0.5059, 0.3137
CMYK	0.43, 0.28, 0.00, 0.31
HSL	219°, 32%, 54%
HSV	219°, 43%, 69%
XYZ	20.3443, 20.6695, 43.4748
YIQ	123.5130, -31.8210, 9.5150

Conversions

Conversions Part 2

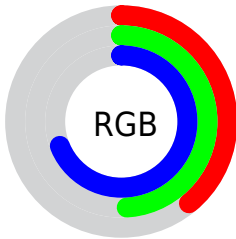
Format	Color
R _Y B	99, 119, 175
Decimal	6520495
CIE Lab	52.59, 3.46, -29.02
CIE LCh	53, 29.227, 276.805
Yxy	20.6695, 0.2408, 0.2446
Android (android.graphics.Color)	4284710575 (0xFF637EAF)
YUV	123.5130, 25.3831, -21.4979
Hunter-Lab	45.4637, 0.3144, -24.8716

Details

The Hex color **637EAF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AF9463**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **99B2E7**, and **2E4D7A** is the 20% darker color. If you saturate the color by 10%, you get **5273AF**, and if you desaturate by 10%, it is **7589AF**.

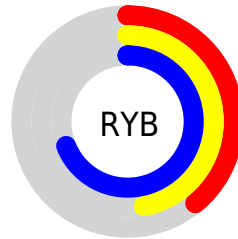
Distribution



Red (39%)

Green (49%)

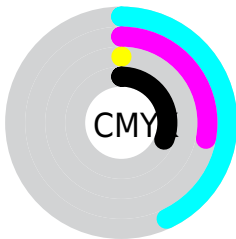
Blue (69%)



Red (39%)

Yellow (47%)

Blue (69%)

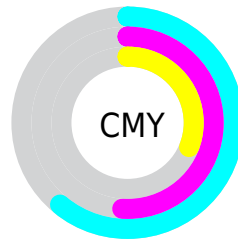


Cyan (43%)

Magenta (28%)

Yellow (0%)

Black (31%)



Cyan (61%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

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

■ 637EAF

■ 637EAF

FFFFFF

■ 496594

■ 99B2E7

■ 2E4D7A

■ B4CEFF

■ 0F3761

■ D1EAFF

■ 002249

■ EEEFFF

■ 000B32

■ 00021D

■ 000000

■ 637EAF

■ 637EAF

■ 5273AF

■ 7589AF

■ 4067AF

■ 8695AF

■ 2F5CAF

■ 98A0AF

■ 1D51AF

■ A9ABAF

■ 0C46AF

■ BBB6AF

■ 003EAF

■ CCC2AF

■ DDCDAF

■ EFD8AF

■ FFE4AF

Harmonies

Analogous

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



3885AB



637EAF



8875A6

Triad

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



637EAF



AC6D61



4F8969

Complementary

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



637EAF



AF9463

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.



6E8554



637EAF



9F7550

Square

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



637EAF



AE6A79



897E4B



2E8B83

Rectangle

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



637EAF



9B6F99



897E4B



598861

Sweetspot

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



637EAF



C5D0E3



63AF93



606773



F2F2F2



737373

Same Dimension

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



637EAF



6D97E3



6D63AF



4E5157



003596



000817

Inverse Universe

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



AF637E



E36D97



A5AF63



574E51



960035



170008

Previews

White Background



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

Color Contrast Check

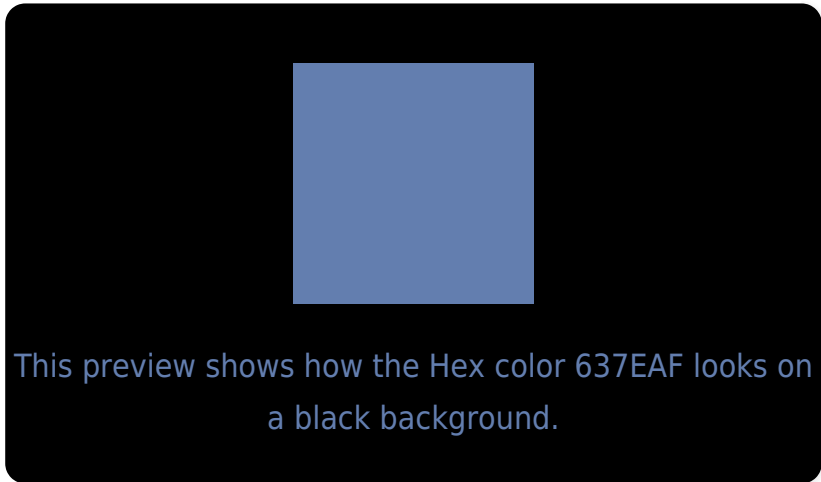
Large Text (above 18pt) WCAG AA ✓ Pass

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

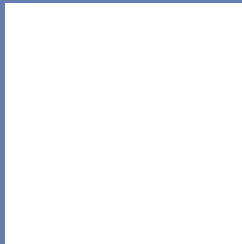
Any Text WCAG AAA × Fail

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

Hex 637EAF Background



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

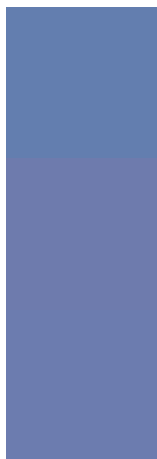


This preview shows how white text looks on a background with the Hex color 637EAF.

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



Original Color
637EAF

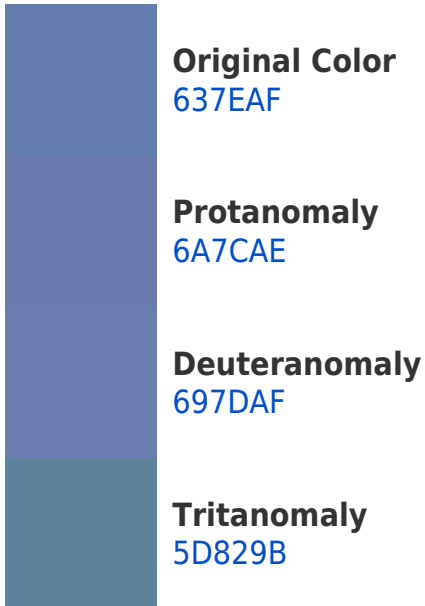
Protanopia
6E7BAD

Deuteranopia
6C7CAF



Tritanopia
5A848F

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #637EAF colored shadow looks like.

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

Border

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

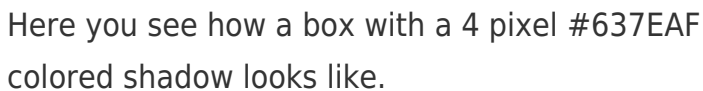
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#637EAF }
```

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

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

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



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

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

Background

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

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

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

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

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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