

Converting Colors

Hex(693EC4)

Have a look what the booklet for
Hex(693EC4) contains.

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Color

Hex(693EC4)

Conversions

Conversions Part 1

Format	Color
Hex	693EC4
RGB	105, 62, 196
RGB Percent	41%, 24%, 77%
CMY	0.5882, 0.7569, 0.2314
CMYK	0.46, 0.68, 0.00, 0.23
HSL	259°, 53%, 51%
HSV	259°, 68%, 77%
XYZ	17.5121, 10.4340, 53.3155
YIQ	90.1330, -17.3860, 50.7900

Conversions

Conversions Part 2

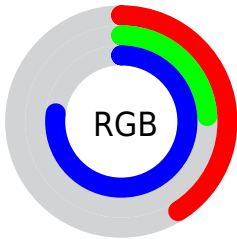
Format	Color
R_{YB}	105, 62, 196
Decimal	6897348
CIE _{Lab}	38.61, 49.12, -63.48
CIE _{LCh}	39, 80.269, 307.734
Yxy	10.4340, 0.2155, 0.1284
Android (android.graphics.Color)	4285087428 (0xFF693EC4)
YUV	90.1330, 52.1924, 13.0384
Hunter-Lab	32.3017, 40.2443, -75.2497

Details

The Hex color **693EC4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **99C43E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A371FE**, and **2B0A8D** is the 20% darker color. If you saturate the color by 10%, you get **5C2AC4**, and if you desaturate by 10%, it is **7652C4**.

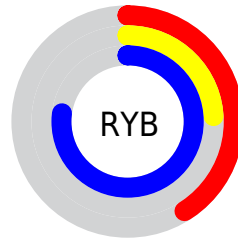
Distribution



Red (41%)

Green (24%)

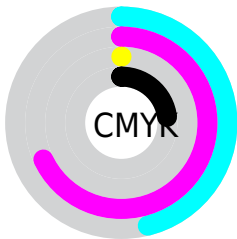
Blue (77%)



Red (41%)

Yellow (24%)

Blue (77%)

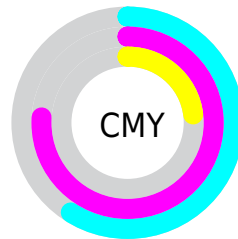


Cyan (46%)

Magenta (68%)

Yellow (0%)

Black (23%)



Cyan (59%)

Magenta (76%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 693EC4 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 693EC4 by changing the saturation by 10% instead.

693EC4

693EC4

FFFFFF

4C25A8

A371FE

2B0A8D

C08BFF

000073

DEA6FF

000059

FCC2FF

000741

FFDEFF

00032A

FFFBFF

000114

000000

693EC4

693EC4

■ 5C2AC4

■ 7652C4

■ 4E17C4

■ 8465C4

■ 4103C4

■ 9179C4

■ 3F00C4

■ 9E8CC4

■ ACA0C4

■ B9B4C4

■ C6C7C4

■ D3DBC4

■ E1EEC4

Harmonies

Analogous

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



005FDF



693EC4



B1008E

Triad

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



693EC4



954400



00746B

Complementary

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



693EC4



99C43E

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.



007124



693EC4



615E00

Square

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



693EC4



BA000A



006B00



0074AA

Rectangle

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



693EC4



C40063



006B00



007354

Sweetspot

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



693EC4



DBC9FF



3E9AC4



6A6080



000000



808080

Same Dimension

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



693EC4



712EFF



AB3EC4



5A5761



3400A1



0B0021

Inverse Universe

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



C43E99



FF2EBC



57C43E



61575E



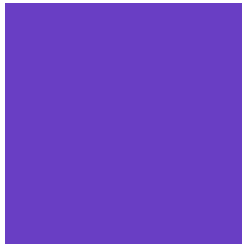
A1006D



210017

Previews

White Background



This preview shows how the Hex color 693EC4 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

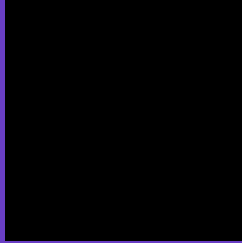
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 693EC4 Background



This preview shows how black text looks on a background with the Hex color 693EC4.

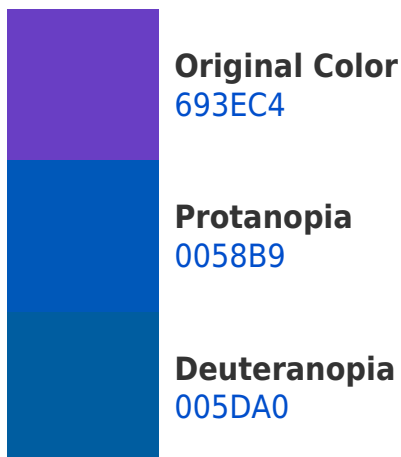


This preview shows how white text looks on a background with the Hex color 693EC4.

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](#).

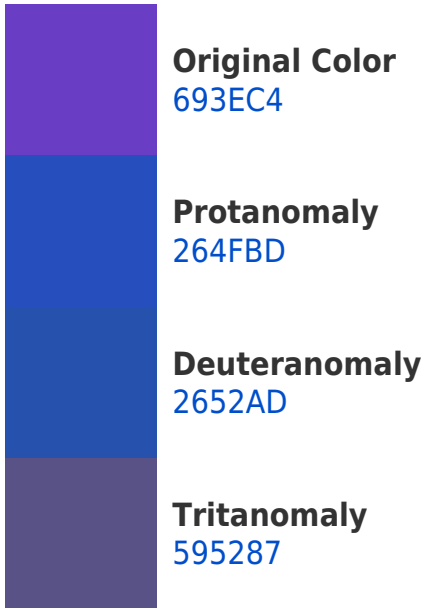
Dichromacy



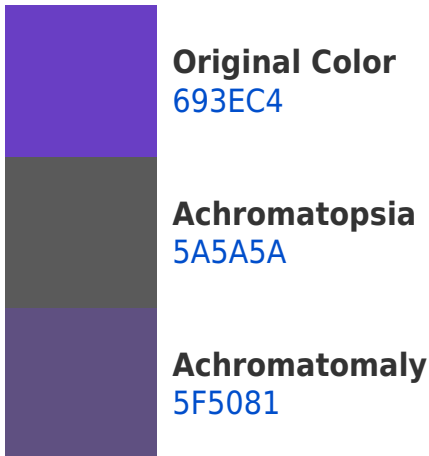


Tritanopia
505D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 693EC4 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 #693EC4 looks like.

```
.text, #text, p{  
    color:#693EC4  
}
```

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 #693EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693EC4
}
```

Border

The CSS property to change the border of an element to Hex 693EC4 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
#693EC4 }
```

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

```
.border{ border-color:#693EC4 }
```

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

Here you see how a box with a 4 pixel #693EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693EC4; -webkit-box-shadow:4px 4px  
4px 4px #693EC4; box-shadow:4px 4px 4px  
4px #693EC4 }
```

Background

The CSS property to change the background color of an element to Hex 693EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693EC4 }
```

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

```
.background{ background-color:#693EC4 }
```

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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