

Converting Colors

Hex(6C3EA4)

Have a look what the booklet for
Hex(6C3EA4) contains.

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Color

Hex(6C3EA4)

Conversions

Conversions Part 1

Format	Color
Hex	6C3EA4
RGB	108, 62, 164
RGB Percent	42%, 24%, 64%
CMY	0.5765, 0.7569, 0.3569
CMYK	0.34, 0.62, 0.00, 0.36
HSL	267°, 45%, 44%
HSV	267°, 62%, 64%
XYZ	14.6078, 9.3137, 36.1498
YIQ	87.3820, -5.3260, 41.4740

Conversions

Conversions Part 2

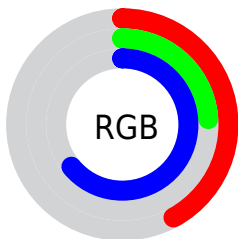
Format	Color
RYB	108, 62, 164
Decimal	7093924
CIELab	36.58, 41.18, -47.83
CIELCh	37, 63.116, 310.728
Yxy	9.3137, 0.2432, 0.1550
Android (android.graphics.Color)	4285284004 (0xFF6C3EA4)
YUV	87.3820, 37.7727, 18.0820
Hunter-Lab	30.5184, 32.0328, -48.8675

Details

The Hex color **6C3EA4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **76A43E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A370DC**, and **360C6F** is the 20% darker color. If you saturate the color by 10%, you get **632EA4**, and if you desaturate by 10%, it is **754EA4**.

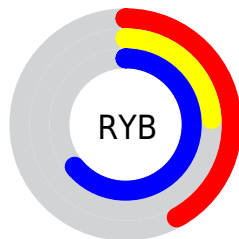
Distribution



Red (42%)

Green (24%)

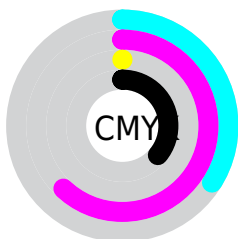
Blue (64%)



Red (42%)

Yellow (24%)

Blue (64%)

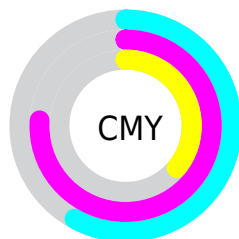


Cyan (34%)

Magenta (62%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (76%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C3EA4 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 6C3EA4 by changing the saturation by 10% instead.

6C3EA4

6C3EA4

FFFFFF

512689

A370DC

360C6F

BF8AF8

190056

DCA5FF

00003E

F9C0FF

000327

FFDDFF

000111

FFF9FF

000000

6C3EA4

6C3EA4

632EA4

754EA4

 5A1DA4

 7E5FA4

 510DA4

 876FA4

 4A00A4

 9080A4

 9990A4

 A2A0A4

 ABB1A4

 B4C1A4

 BDD2A4

Harmonies

Analogous

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



0057BB



6C3EA4



9E1979

Triad

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



6C3EA4



844700



006B68

Complementary

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



6C3EA4



76A43E

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.



006932



6C3EA4



595A00

Square

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



6C3EA4



A12A14



176400



006A98

Rectangle

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



6C3EA4



AB0057



176400



006B56

Sweetspot

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



6C3EA4



C0AED6



3E76A4



5E526B



EBEBEB



6B6B6B

Same Dimension

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



6C3EA4



7E36D6



9F3EA4



4D4952



420091



080012

Inverse Universe

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



A43E76



D6368E



43A43E



52494E



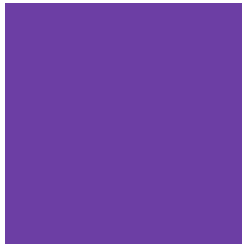
910050



12000A

Previews

White Background



This preview shows how the Hex color 6C3EA4 looks on a white background.

Color Contrast Check

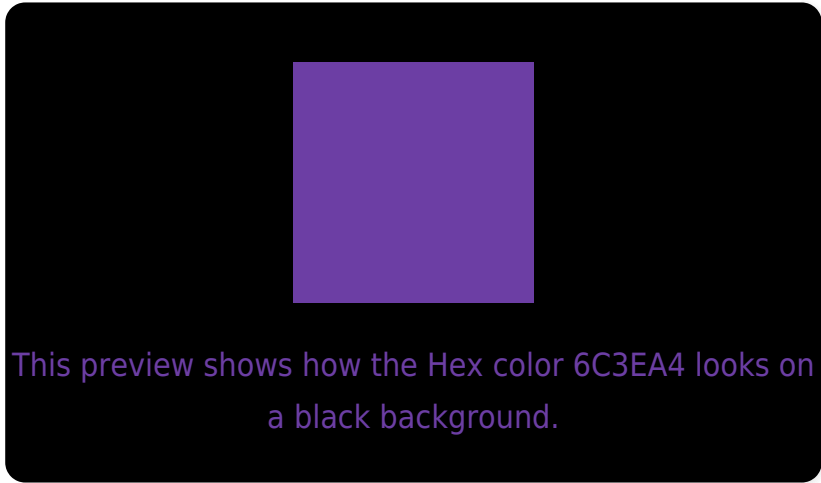
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

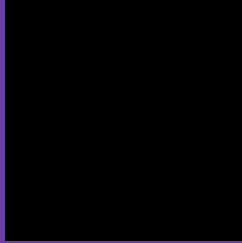
Any Text WCAG AA × Fail

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 6C3EA4 Background



This preview shows how black text looks on a background with the Hex color 6C3EA4.



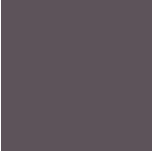
This preview shows how white text looks on a background with the Hex color 6C3EA4.

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](#).

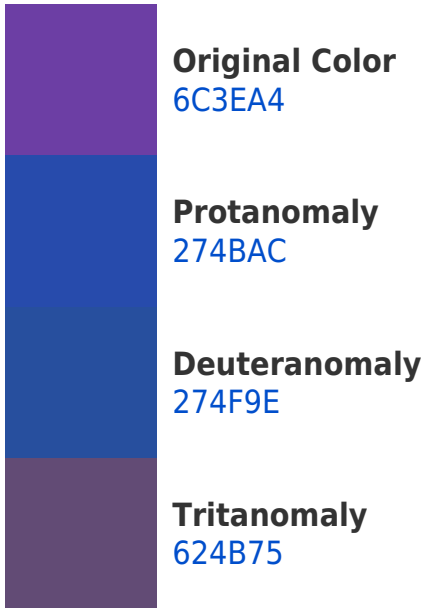
Dichromacy





Tritanopia
5D535A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C3EA4 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 #6C3EA4 looks like.

```
.text, #text, p{  
    color:#6C3EA4  
}
```

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 #6C3EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3EA4
}
```

Border

The CSS property to change the border of an element to Hex 6C3EA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

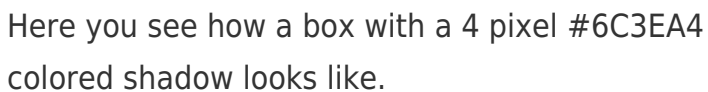
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C3EA4 }
```

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

```
.border{ border-color:#6C3EA4 }
```

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



Here you see how a box with a 4 pixel #6C3EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3EA4; -webkit-box-shadow:4px 4px  
4px 4px #6C3EA4; box-shadow:4px 4px 4px  
4px #6C3EA4 }
```

Background

The CSS property to change the background color of an element to Hex 6C3EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3EA4 }
```

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

```
.background{ background-color:#6C3EA4 }
```

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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