

Converting Colors

Hex(641EC7)

Have a look what the booklet for
Hex(641EC7) contains.

Hex(641EC7)	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(641EC7)

Conversions

Conversions Part 1

Format	Color
Hex	641EC7
RGB	100, 30, 199
RGB Percent	39%, 12%, 78%
CMY	0.6078, 0.8824, 0.2196
CMYK	0.50, 0.85, 0.00, 0.22
HSL	265°, 74%, 45%
HSV	265°, 85%, 78%
XYZ	16.0286, 7.7614, 54.6861
YIQ	70.1960, -12.5290, 67.3990

Conversions

Conversions Part 2

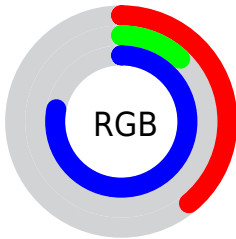
Format	Color
R _Y B	100, 30, 199
Decimal	6561479
CIE Lab	33.48, 62.96, -73.67
CIE LCh	33, 96.906, 310.520
Yxy	7.7614, 0.2042, 0.0989
Android (android.graphics.Color)	4284751559 (0xFF641EC7)
YUV	70.1960, 63.5004, 26.1381
Hunter-Lab	27.8593, 53.9448, -96.8813

Details

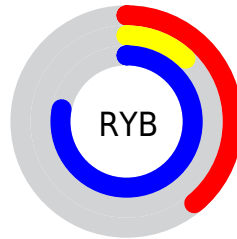
The Hex color **641EC7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **81C71E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A056FF**, and **1E0090** is the 20% darker color. If you saturate the color by 10%, you get **580AC7**, and if you desaturate by 10%, it is **7032C7**.

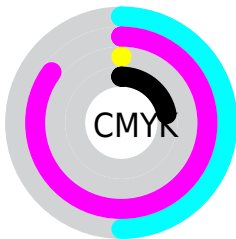
Distribution



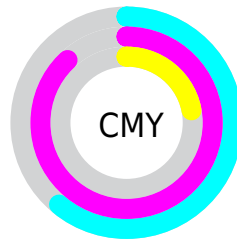
- Red (39%)
- Green (12%)
- Blue (78%)



- Red (39%)
- Yellow (12%)
- Blue (78%)



- Cyan (50%)
- Magenta (85%)
- Yellow (0%)
- Black (22%)



- Cyan (61%)
- Magenta (88%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 641EC7 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 641EC7 by changing the saturation by 10% instead.

641EC7

641EC7

FFFFFF

4400AB

A056FF

1E0090

BE71FF

000075

DC8CFF

00005B

FBA8FF

000743

FFC4FF

00032B

FFE1FF

000116

FFFEFF

000000

641EC7

641EC7

■ 580AC7

■ 7032C7

■ 5200C7

■ 7B46C7

■ 875AC7

■ 936EC7

■ 9E82C7

■ AA95C7

■ B6A9C7

■ C1BDC7

■ CDD1C7

Harmonies

Analogous

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



0054EC



641EC7



B60084

Triad

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



641EC7



883600



006869

Complementary

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



641EC7



81C71E

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.



006613



641EC7



485500

Square

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



641EC7



B50000



006100



006AB4

Rectangle

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



641EC7



C80052



006100



00684E

Sweetspot

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



641EC7



DABFFF



1E83C7



695980



000000



808080

Same Dimension

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



641EC7



6A00FF



B61EC7



5E5A63



4400A3



0F0024

Inverse Universe

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



C71E81



FF0095



2FC71E



635A5F



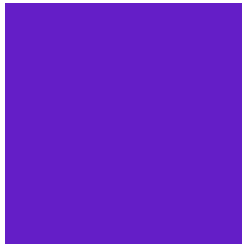
A30060



240015

Previews

White Background



This preview shows how the Hex color 641EC7 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

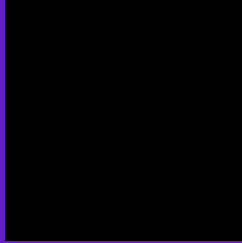
Any Text WCAG AA × Fail

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 641EC7 Background



This preview shows how black text looks on a background with the Hex color 641EC7.

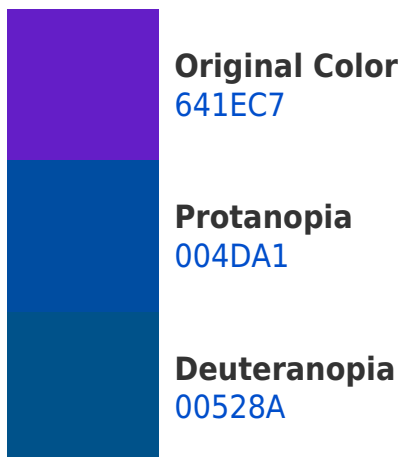


This preview shows how white text looks on a background with the Hex color 641EC7.

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](#).

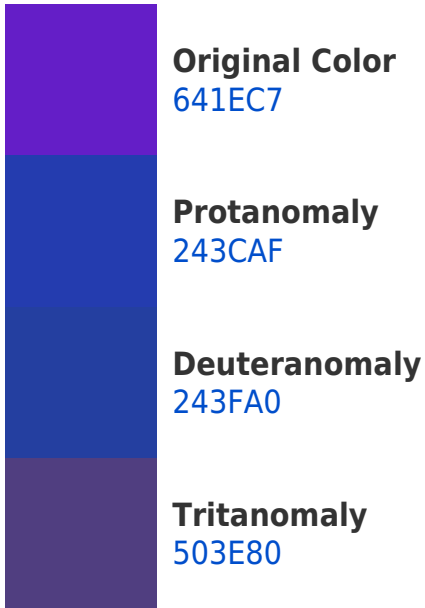
Dichromacy



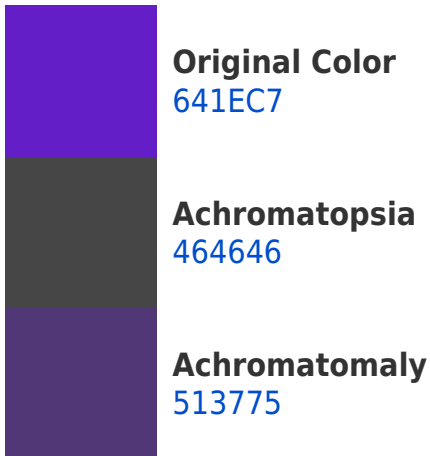


Tritanopia
455158

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 641EC7 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 #641EC7 looks like.

```
.text, #text, p{  
    color:#641EC7  
}
```

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 #641EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #641EC7
}
```

Border

The CSS property to change the border of an element to Hex 641EC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

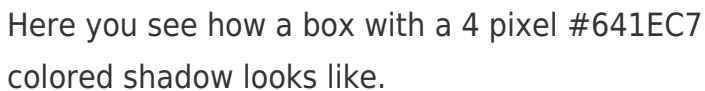
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#641EC7 }
```

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

```
.border{ border-color:#641EC7 }
```

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



Here you see how a box with a 4 pixel #641EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #641EC7; -webkit-box-shadow:4px 4px  
4px 4px #641EC7; box-shadow:4px 4px 4px  
4px #641EC7 }
```

Background

The CSS property to change the background color of an element to Hex 641EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#641EC7 }
```

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

```
.background{ background-color:#641EC7 }
```

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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