

Converting Colors

Hex(764AC5)

Have a look what the booklet for
Hex(764AC5) contains.

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Color

Hex(764AC5)

Conversions

Conversions Part 1

Format	Color
Hex	764AC5
RGB	118, 74, 197
RGB Percent	46%, 29%, 77%
CMY	0.5373, 0.7098, 0.2275
CMYK	0.40, 0.62, 0.00, 0.23
HSL	261°, 51%, 53%
HSV	261°, 62%, 77%
XYZ	19.9980, 12.7803, 54.2362
YIQ	101.1780, -13.2590, 47.5810

Conversions

Conversions Part 2

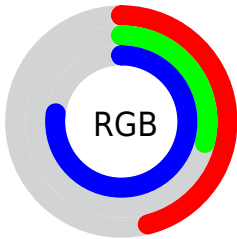
Format	Color
R _{YB}	118, 74, 197
Decimal	7752389
CIE _{Lab}	42.43, 45.53, -57.80
CIE _{LCh}	42, 73.578, 308.229
Yxy	12.7803, 0.2298, 0.1469
Android (android.graphics.Color)	4285942469 (0xFF764AC5)
YUV	101.1780, 47.2402, 14.7529
Hunter-Lab	35.7496, 37.2897, -64.9249

Details

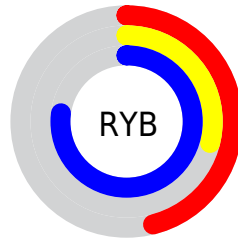
The Hex color **764AC5** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **99C54A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **AF7DFE**, and **3D198E** is the 20% darker color. If you saturate the color by 10%, you get **6936C5**, and if you desaturate by 10%, it is **835EC5**.

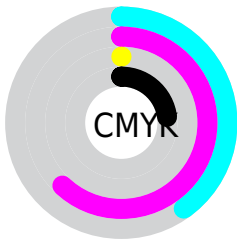
Distribution



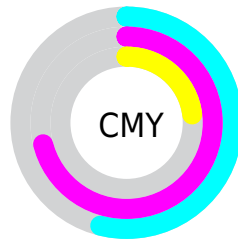
- Red (46%)
- Green (29%)
- Blue (77%)



- Red (46%)
- Yellow (29%)
- Blue (77%)



- Cyan (40%)
- Magenta (62%)
- Yellow (0%)
- Black (23%)



- Cyan (54%)
- Magenta (71%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764AC5 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 764AC5 by changing the saturation by 10% instead.

764AC5

764AC5

FFFFFF

5A32A9

AF7DFE

3D198E

CC97FF

1C0074

E9B3FF

00005B

FFCFFF

000042

FFEBFF

00032B

000115

000000

764AC5

764AC5

6936C5

835EC5

5D23C5

8F71C5

500FC5

9C85C5

4600C5

A999C5

B5ADC5

C2C0C5

CFD4C5

DBE8C5

E8FBC5

Harmonies

Analogous

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



0067DE



764AC5



B61993

Triad

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



764AC5



9D5000



007D74

Complementary

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



764AC5



99C54A

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.



007B33



764AC5



6C6700

Square

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



764AC5



BF291B



207400



007DAF

Rectangle

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



764AC5



C8006B



207400



007D5F

Sweetspot

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



764AC5



E0CFFF



4A9AC5



6D6280



000000



808080

Same Dimension

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



764AC5



8440FF



B34AC5



5D5A63



3A00A3



0D0024

Inverse Universe

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



C54A99



FF40BB



5CC54A



635A60



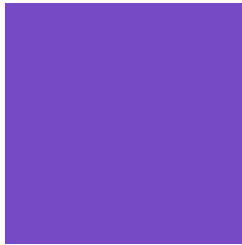
A30069



240017

Previews

White Background



This preview shows how the Hex color 764AC5 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

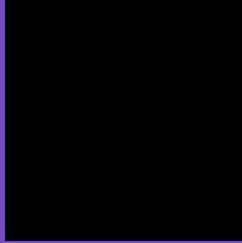
Any Text WCAG AA × Fail

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 764AC5 Background



This preview shows how black text looks on a background with the Hex color 764AC5.

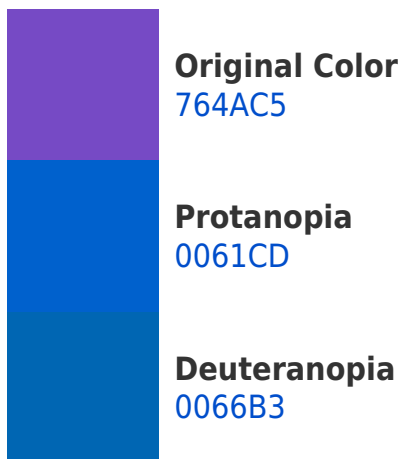



This preview shows how white text looks on a background with the Hex color 764AC5.

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](#).

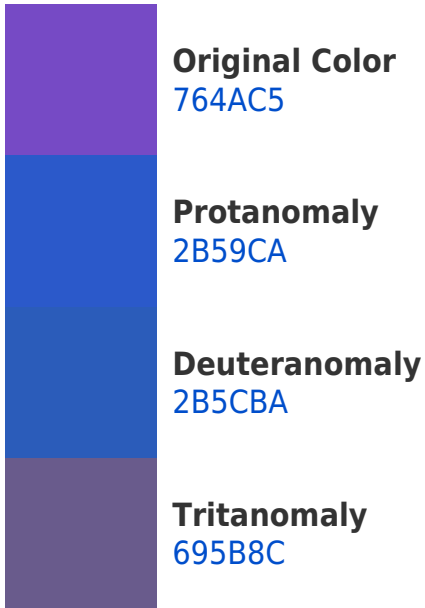
Dichromacy



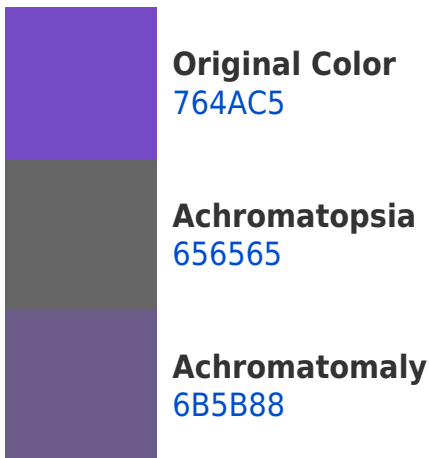


Tritanopia
62646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 764AC5 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 #764AC5 looks like.

```
.text, #text, p{  
    color:#764AC5  
}
```

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 #764AC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764AC5
}
```

Border

The CSS property to change the border of an element to Hex 764AC5 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
#764AC5 }
```

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

```
.border{ border-color:#764AC5 }
```

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

Here you see how a box with a 4 pixel #764AC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764AC5; -webkit-box-shadow:4px 4px  
4px 4px #764AC5; box-shadow:4px 4px 4px  
4px #764AC5 }
```

Background

The CSS property to change the background color of an element to Hex 764AC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764AC5 }
```

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

```
.background{ background-color:#764AC5 }
```

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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