

Converting Colors

Hex(7368C4)

Have a look what the booklet for
Hex(7368C4) contains.

Hex(7368C4)	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(7368C4)

Conversions

Conversions Part 1

Format	Color
Hex	7368C4
RGB	115, 104, 196
RGB Percent	45%, 41%, 77%
CMY	0.5490, 0.5922, 0.2314
CMYK	0.41, 0.47, 0.00, 0.23
HSL	247°, 44%, 59%
HSV	247°, 47%, 77%
XYZ	21.9844, 17.5310, 54.4497
YIQ	117.7770, -22.9760, 30.9440

Conversions

Conversions Part 2

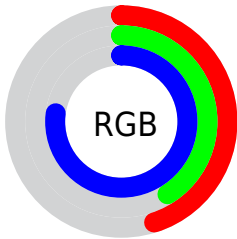
Format	Color
R_{YB}	115, 104, 196
Decimal	7563460
CIE _{Lab}	48.92, 27.09, -46.81
CIE _{LCh}	49, 54.084, 300.053
Yxy	17.5310, 0.2340, 0.1866
Android (android.graphics.Color)	4285753540 (0xFF7368C4)
YUV	117.7770, 38.5639, -2.4354
Hunter-Lab	41.8700, 20.4510, -47.7944

Details

The Hex color **7368C4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B9C468**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AA9BFD**, and **3C398E** is the 20% darker color. If you saturate the color by 10%, you get **6254C4**, and if you desaturate by 10%, it is **847CC4**.

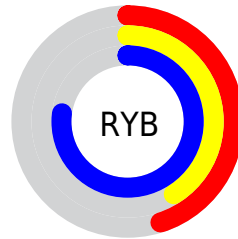
Distribution



Red (45%)

Green (41%)

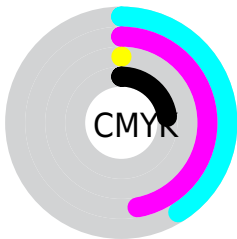
Blue (77%)



Red (45%)

Yellow (41%)

Blue (77%)

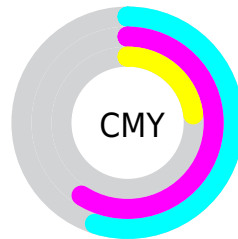


Cyan (41%)

Magenta (47%)

Yellow (0%)

Black (23%)



Cyan (55%)

Magenta (59%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7368C4 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 7368C4 by changing the saturation by 10% instead.

■ 7368C4

■ 7368C4

FFFFFF

■ 5850A8

■ AA9BFD

■ 3C398E

■ C7B6FF

■ 1E2374

■ E4D2FF

■ 000F5A

■ FFEEFF

■ 000042

■ 00032B

■ 000115

■ 000000

■ 7368C4

■ 7368C4

6254C4

847CC4

5041C4

968FC4

3F2DC4

A7A3C4

2E1AC4

B8B6C4

1D06C4

C9CAC4

1700C4

DBDEC4

ECF1C4

FDFFC4

FFFFC4

Harmonies

Analogous

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



007AD0



7368C4



AB53A3

Triad

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



7368C4



AE6022



008973

Complementary

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



7368C4



B9C468

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.



028644



7368C4



8B7205

Square

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



7368C4



C34E49



5D7F1B



0089A1

Rectangle

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



7368C4



BF4986



5D7F1B



008963

Sweetspot

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



7368C4



E0DBFF



68B9C4



6C6A80



000000



808080

Same Dimension

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



7368C4



8170FF



A168C4



585761



1300A1



040021

Inverse Universe

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



C468B9



FF70EE



8BC468



615760



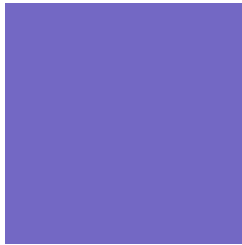
A1008D



21001D

Previews

White Background



This preview shows how the Hex color 7368C4 looks on a white background.

Color Contrast Check

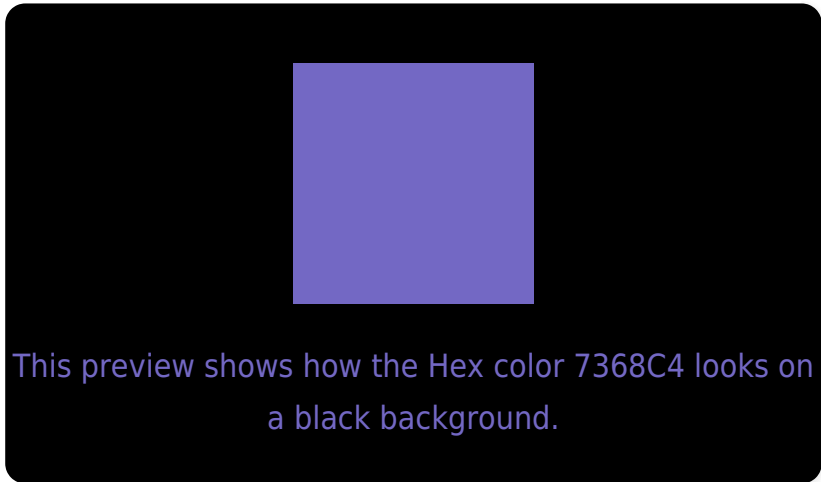
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 7368C4 Background



This preview shows how black text looks on a background with the Hex color 7368C4.

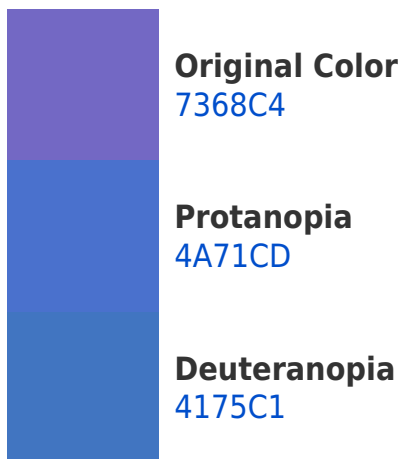


This preview shows how white text looks on a background with the Hex color 7368C4.

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](#).

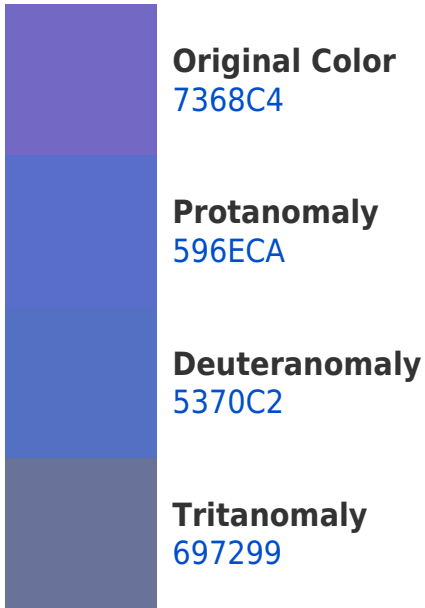
Dichromacy





Tritanopia
637881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7368C4 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 #7368C4 looks like.

```
.text, #text, p{  
    color:#7368C4  
}
```

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 #7368C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7368C4
}
```

Border

The CSS property to change the border of an element to Hex 7368C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

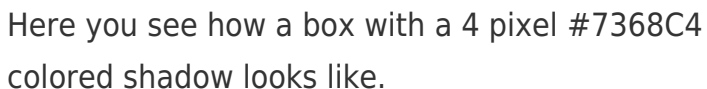
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7368C4 }
```

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

```
.border{ border-color:#7368C4 }
```

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



Here you see how a box with a 4 pixel #7368C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7368C4; -webkit-box-shadow:4px 4px  
4px 4px #7368C4; box-shadow:4px 4px 4px  
4px #7368C4 }
```

Background

The CSS property to change the background color of an element to Hex 7368C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7368C4 }
```

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

```
.background{ background-color:#7368C4 }
```

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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