

Converting Colors

Hex(6730A4)

Have a look what the booklet for
Hex(6730A4) contains.

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Color

Hex(6730A4)

Conversions

Conversions Part 1

Format	Color
Hex	6730A4
RGB	103, 48, 164
RGB Percent	40%, 19%, 64%
CMY	0.5961, 0.8118, 0.3569
CMYK	0.37, 0.71, 0.00, 0.36
HSL	268°, 55%, 42%
HSV	268°, 71%, 64%
XYZ	13.3513, 7.6778, 35.9002
YIQ	77.6690, -4.4560, 47.7360

Conversions

Conversions Part 2

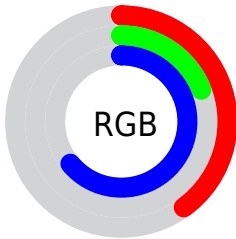
Format	Color
R_{YB}	103, 48, 164
Decimal	6762660
CIE _{Lab}	33.30, 47.40, -53.16
CIE _{LCh}	33, 71.229, 311.722
Yxy	7.6778, 0.2345, 0.1349
Android (android.graphics.Color)	4284952740 (0xFF6730A4)
YUV	77.6690, 42.5612, 22.2153
Hunter-Lab	27.7089, 37.5184, -57.4213

Details

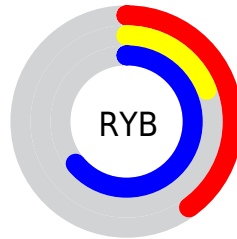
The Hex color **6730A4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6DA430**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9F63DC**, and **2F006F** is the 20% darker color. If you saturate the color by 10%, you get **5E20A4**, and if you desaturate by 10%, it is **7040A4**.

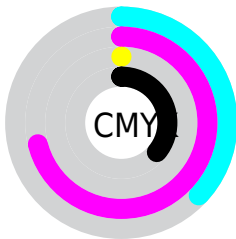
Distribution



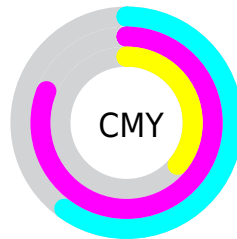
- Red (40%)
- Green (19%)
- Blue (64%)



- Red (40%)
- Yellow (19%)
- Blue (64%)



- Cyan (37%)
- Magenta (71%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (81%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6730A4 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 6730A4 by changing the saturation by 10% instead.

6730A4

6730A4

FFFFFF

4C1689

9F63DC

2F006F

BB7DF9

110056

D897FF

00003E

F5B3FF

000327

FFCFFF

000110

FFE8FF

000000

6730A4

6730A4

5E20A4

7040A4

■ 560FA4

■ 7851A4

■ 4E00A4

■ 8161A4

■ 8972A4

■ 9282A4

■ 9B92A4

■ A3A3A4

■ ACB3A4

■ B5C4A4

Harmonies

Analogous

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



004FBF



6730A4



9E0073

Triad

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



6730A4



7C3E00



006464

Complementary

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



6730A4



6DA430

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.



006228



6730A4



4D5300

Square

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



6730A4



9E1200



005E00



006499

Rectangle

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



6730A4



AB004E



005E00



006450

Sweetspot

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



6730A4



BFA9D6



306EA4



5D506B



EBEBEB



6B6B6B

Same Dimension

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



6730A4



7620D6



A030A4



4D4952



450091



080012

Inverse Universe

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



A4306D



D62080



34A430



52494E



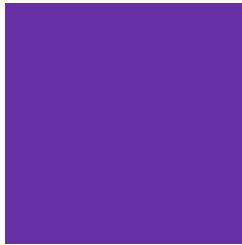
91004C



120009

Previews

White Background



This preview shows how the Hex color 6730A4 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

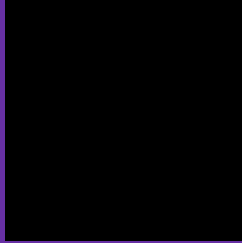
Any Text WCAG AA × Fail

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 6730A4 Background



This preview shows how black text looks on a background with the Hex color 6730A4.

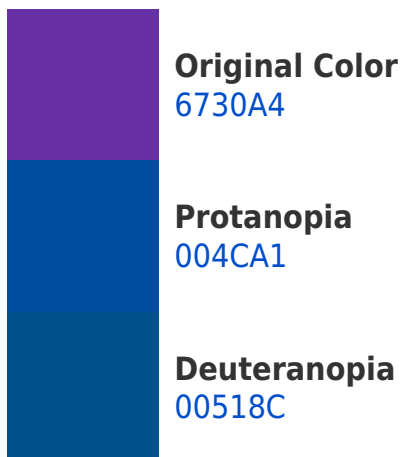


This preview shows how white text looks on a background with the Hex color 6730A4.

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
564C52

Trichromacy



Original Color
6730A4



Protanomaly
2542A2



Deuteranomaly
254595



Tritanomaly
5C4270

Monochromacy



Original Color
6730A4



Achromatopsia
4E4E4E



Achromatomaly
57436D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6730A4 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 #6730A4 looks like.

```
.text, #text, p{  
    color:#6730A4  
}
```

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 #6730A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6730A4
}
```

Border

The CSS property to change the border of an element to Hex 6730A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

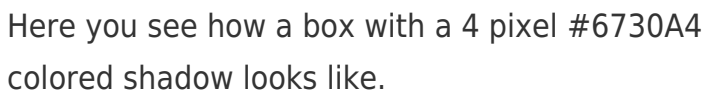
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6730A4 }
```

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

```
.border{ border-color:#6730A4 }
```

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



Here you see how a box with a 4 pixel #6730A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6730A4; -webkit-box-shadow:4px 4px  
4px 4px #6730A4; box-shadow:4px 4px 4px  
4px #6730A4 }
```

Background

The CSS property to change the background color of an element to Hex 6730A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6730A4 }
```

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

```
.background{ background-color:#6730A4 }
```

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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