

Converting Colors

Hex(7076A4)

Have a look what the booklet for
Hex(7076A4) contains.

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Color

Hex(7076A4)

Conversions

Conversions Part 1

Format	Color
Hex	7076A4
RGB	112, 118, 164
RGB Percent	44%, 46%, 64%
CMY	0.5608, 0.5373, 0.3569
CMYK	0.32, 0.28, 0.00, 0.36
HSL	233°, 22%, 54%
HSV	233°, 32%, 64%
XYZ	19.8614, 19.0819, 37.7583
YIQ	121.4500, -18.3420, 13.0340

Conversions

Conversions Part 2

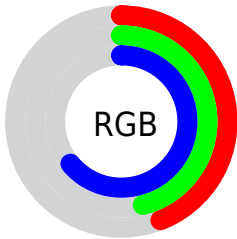
Format	Color
R_{YB}	112, 117, 164
Decimal	7370404
CIE _{Lab}	50.78, 8.85, -25.37
CIE _{LCh}	51, 26.868, 289.229
Yxy	19.0819, 0.2589, 0.2488
Android (android.graphics.Color)	4285560484 (0xFF7076A4)
YUV	121.4500, 20.9772, -8.2876
Hunter-Lab	43.6829, 4.7138, -20.6707

Details

The Hex color **7076A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A49E70**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A5AADB**, and **3E4670** is the 20% darker color. If you saturate the color by 10%, you get **6067A4**, and if you desaturate by 10%, it is **8085A4**.

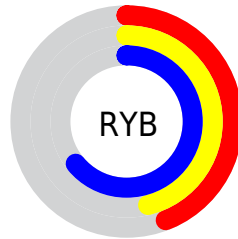
Distribution



Red (44%)

Green (46%)

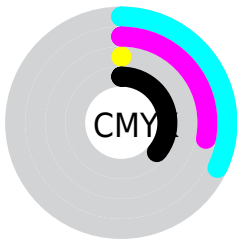
Blue (64%)



Red (44%)

Yellow (46%)

Blue (64%)

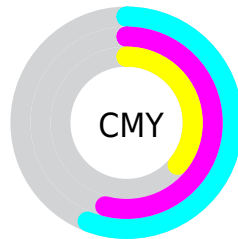


Cyan (32%)

Magenta (28%)

Yellow (0%)

Black (36%)



Cyan (56%)

Magenta (54%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7076A4 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 7076A4 by changing the saturation by 10% instead.

■ 7076A4

■ 7076A4

FFFFFF

■ 575D8A

■ A5AADB

■ 3E4670

■ C1C5F8

■ 263057

■ DDE1FF

■ 0C1B40

■ FAFEFF

■ 00002A

■ 000114

■ 000000

■ 7076A4

■ 7076A4

■ 6067A4

■ 8085A4

■ 4F59A4

■ 9193A4

■ 3F4AA4

■ A1A2A4

■ 2E3CA4

■ B2B0A4

■ 1E2DA4

■ C2BFA4

■ 0E1FA4

■ D2CDA4

■ 0013A4

■ E3DCA4

■ F3EAA4

■ FFF9A4

Harmonies

Analogous

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



4C7EA5



7076A4



8E6E97

Triad

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



7076A4



A06D57



438570

Complementary

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



7076A4



A49E70

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.



5F825A



7076A4



90754C

Square

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



7076A4



A6686B



797C4D



2A8587

Rectangle

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



7076A4



9C6A8A



797C4D



4D8468

Sweetspot

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



7076A4



C1C3D6



70A49E



5E606B



EBEBEB



6B6B6B

Same Dimension

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



7076A4



858ED6



8470A4



494A52



001191



000212

Inverse Universe

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



A47076



D6858E



90A470



52494A



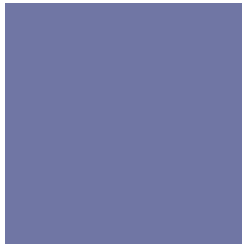
910011



120002

Previews

White Background



This preview shows how the Hex color 7076A4 looks on a white background.

Color Contrast Check

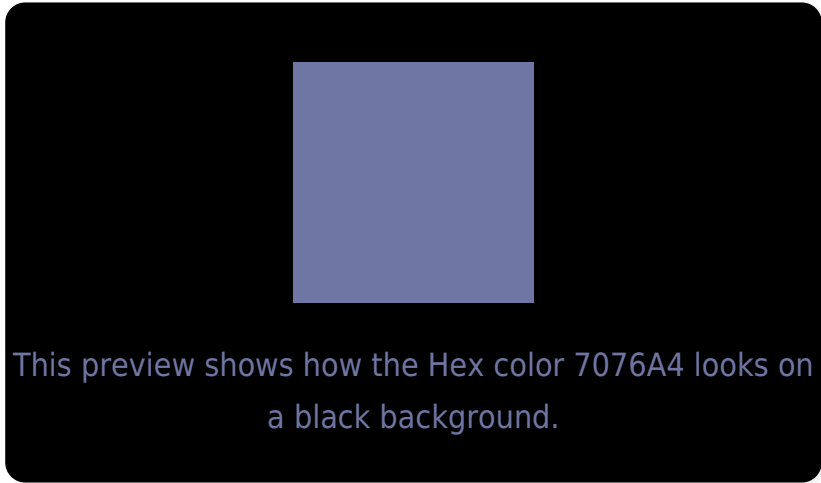
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

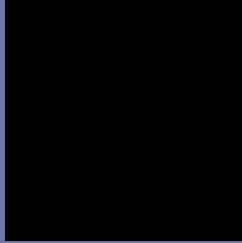
Any Text WCAG AA ✓ Pass

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 7076A4 Background



This preview shows how black text looks on a background with the Hex color 7076A4.



This preview shows how white text looks on a background with the Hex color 7076A4.

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](#).

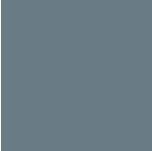
Dichromacy



Original Color
7076A4

Protanopia
6B77A5

Deuteranopia
6C77A4



Tritanopia
697C86

Trichromacy



Original Color
7076A4

Protanomaly
6D77A5

Deuteranomaly
6D77A4

Tritanomaly
6C7A91

Monochromacy



Original Color
7076A4

Achromatopsia
797979

Achromatomaly
767889

CSS Examples

Text

The CSS property to change the color of the text to Hex 7076A4 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 #7076A4 looks like.

```
.text, #text, p{  
    color:#7076A4  
}
```

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 #7076A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7076A4
}
```

Border

The CSS property to change the border of an element to Hex 7076A4 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
#7076A4 }
```

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

```
.border{ border-color:#7076A4 }
```

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

Here you see how a box with a 4 pixel #7076A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7076A4; -webkit-box-shadow:4px 4px  
4px 4px #7076A4; box-shadow:4px 4px 4px  
4px #7076A4 }
```

Background

The CSS property to change the background color of an element to Hex 7076A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7076A4 }
```

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

```
.background{ background-color:#7076A4 }
```

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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