

Converting Colors

Hex(7A96D4)

Have a look what the booklet for
Hex(7A96D4) contains.

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Color

Hex(7A96D4)

Conversions

Conversions Part 1	
Format	Color
Hex	7A96D4
RGB	122, 150, 212
RGB Percent	48%, 59%, 83%
CMY	0.5216, 0.4118, 0.1686
CMYK	0.42, 0.29, 0.00, 0.17
HSL	221°, 51%, 65%
HSV	221°, 42%, 83%
XYZ	30.8161, 30.7037, 66.5896
YIQ	148.6960, -36.5900, 13.3460

Conversions

Conversions Part 2

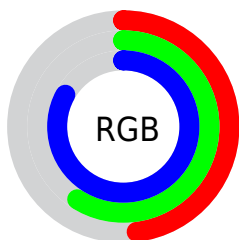
Format	Color
RYB	122, 143, 212
Decimal	8034004
CIELab	62.26, 6.18, -34.84
CIELCh	62, 35.382, 280.056
Yxy	30.7037, 0.2405, 0.2397
Android (android.graphics.Color)	4286224084 (0xFF7A96D4)
YUV	148.6960, 31.2089, -23.4124
Hunter-Lab	55.4110, 2.3012, -32.4635

Details

The Hex color **7A96D4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D4B87A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B2CCFF**, and **43649D** is the 20% darker color. If you saturate the color by 10%, you get **6587D4**, and if you desaturate by 10%, it is **8FA5D4**.

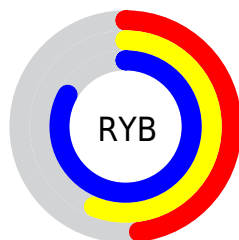
Distribution



Red (48%)

Green (59%)

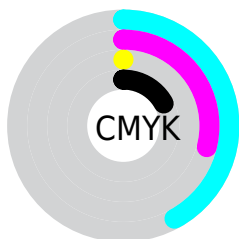
Blue (83%)



Red (48%)

Yellow (56%)

Blue (83%)

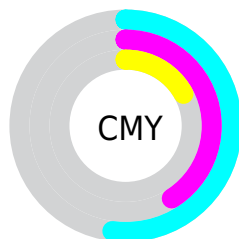


Cyan (42%)

Magenta (29%)

Yellow (0%)

Black (17%)



Cyan (52%)

Magenta (41%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A96D4 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 7A96D4 by changing the saturation by 10% instead.



7A96D4



7A96D4

FFFFFF



5F7CB8



B2CCFF



43649D



CEE8FF



264C83



EBFFFF



003569



002151



00083A



000223



00000A



000000

 7A96D4

 7A96D4

 6587D4

 8FA5D4

 5079D4

 A4B3D4

 3A6AD4

 BAC2D4

 255CD4

 CFD0D4

 104DD4

 E4DFD4

 0042D4

 F9EED4

 FFFCD4

 FFFFD4

Harmonies

Analogous

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



41A0D1



7A96D4



A88AC7

Triad

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



7A96D4



CF8370



57A680

Complementary

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



7A96D4



D4B87A

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.



7EA065



7A96D4



BD8D5C

Square

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



7A96D4



D37E8D



A19858



26A7A0

Rectangle

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



7A96D4



BE84B6



A19858



65A476

Sweetspot

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



7A96D4



DEE8FF



7AD4B8



6B7180



000000



808080

Same Dimension

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



7A96D4



7DA5FF



8B7AD4



60646B



0035AB



000D2B

Inverse Universe

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



D47A96



FF7DA5



C4D47A



6B6064



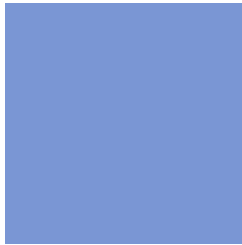
AB0035



2B000D

Previews

White Background



This preview shows how the Hex color 7A96D4 looks on a white background.

Color Contrast Check

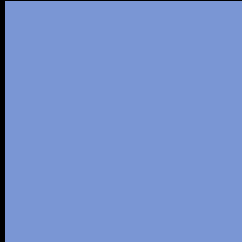
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7A96D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

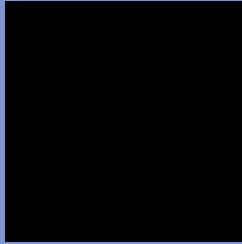
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

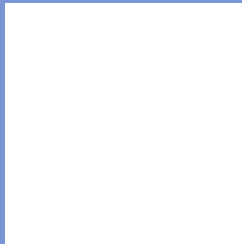
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7A96D4 Background



This preview shows how black text looks on a background with the Hex color 7A96D4.

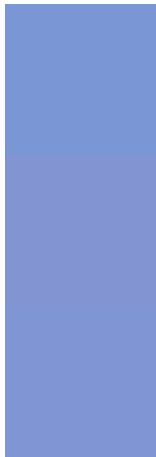


This preview shows how white text looks on a background with the Hex color 7A96D4.

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](#).

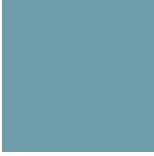
Dichromacy



Original Color
7A96D4

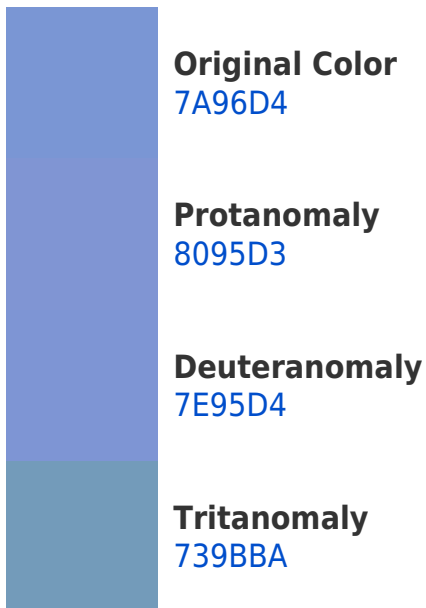
Protanopia
8394D2

Deuteranopia
8095D4



Tritanopia
6F9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A96D4 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 #7A96D4 looks like.

```
.text, #text, p{  
    color:#7A96D4  
}
```

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 #7A96D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A96D4
}
```

Border

The CSS property to change the border of an element to Hex 7A96D4 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
#7A96D4 }
```

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

```
.border{ border-color:#7A96D4 }
```

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

Here you see how a box with a 4 pixel #7A96D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A96D4; -webkit-box-shadow:4px 4px  
4px 4px #7A96D4; box-shadow:4px 4px 4px  
4px #7A96D4 }
```

Background

The CSS property to change the background color of an element to Hex 7A96D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A96D4 }
```

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

```
.background{ background-color:#7A96D4 }
```

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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