

Converting Colors

Hex(6964C1)

Have a look what the booklet for
Hex(6964C1) contains.

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Color

Hex(6964C1)

Conversions

Conversions Part 1

Format	Color
Hex	6964C1
RGB	105, 100, 193
RGB Percent	41%, 39%, 76%
CMY	0.5882, 0.6078, 0.2431
CMYK	0.46, 0.48, 0.00, 0.24
HSL	243°, 43%, 57%
HSV	243°, 48%, 76%
XYZ	20.0085, 15.9679, 52.4796
YIQ	112.0970, -26.8730, 29.9830

Conversions

Conversions Part 2

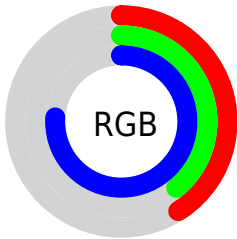
Format	Color
RYB	105, 100, 193
Decimal	6907073
CIELab	46.93, 26.18, -48.31
CIELCh	47, 54.943, 298.454
Yxy	15.9679, 0.2262, 0.1805
Android (android.graphics.Color)	4285097153 (0xFF6964C1)
YUV	112.0970, 39.8852, -6.2241
Hunter-Lab	39.9598, 19.4481, -49.8943

Details

The Hex color **6964C1** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BCC164**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A197FA**, and **30358B** is the 20% darker color. If you saturate the color by 10%, you get **5751C1**, and if you desaturate by 10%, it is **7B77C1**.

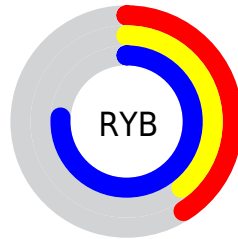
Distribution



Red (41%)

Green (39%)

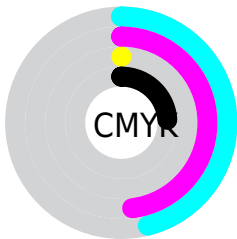
Blue (76%)



Red (41%)

Yellow (39%)

Blue (76%)

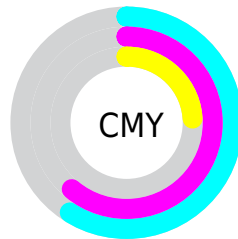


Cyan (46%)

Magenta (48%)

Yellow (0%)

Black (24%)



Cyan (59%)

Magenta (61%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6964C1 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 6964C1 by changing the saturation by 10% instead.

■ 6964C1

■ 6964C1

FFFFFF

■ 4D4CA5

■ A197FA

■ 30358B

■ BDB2FF

■ 0A2071

■ DACDFF

■ 000C58

■ F7E9FF

■ 000040

■ 000329

■ 000113

■ 000000

■ 6964C1

■ 6964C1

■ 5751C1

■ 7B77C1

■ 443DC1

■ 8E8BC1

■ 322AC1

■ A09EC1

■ 2017C1

■ B2B1C1

■ 0E03C1

■ C4C5C1

■ 0A00C1

■ D7D8C1

■ E9EBC1

■ FBFEC1

■ FFFFC1

Harmonies

Analogous

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



0076CC



6964C1



A44EA0

Triad

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



6964C1



AA5A1D



00846B

Complementary

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



6964C1



BCC164

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.



00813C



6964C1



876C00

Square

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



6964C1



BF4746



5A7910



00849A

Rectangle

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



6964C1



B94383



5A7910



00845B

Sweetspot

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



6964C1



D9D7FA



64BCC1



69687D



FCFCFC



7D7D7D

Same Dimension

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



6964C1



7169FA



9764C1



585761



0900A1



020021

Inverse Universe

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



C164BC



FA69F2



8EC164



615760



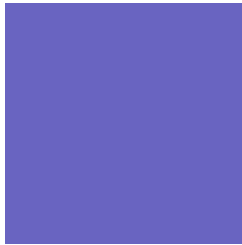
A10098



21001F

Previews

White Background



This preview shows how the Hex color 6964C1 looks on a white background.

Color Contrast Check

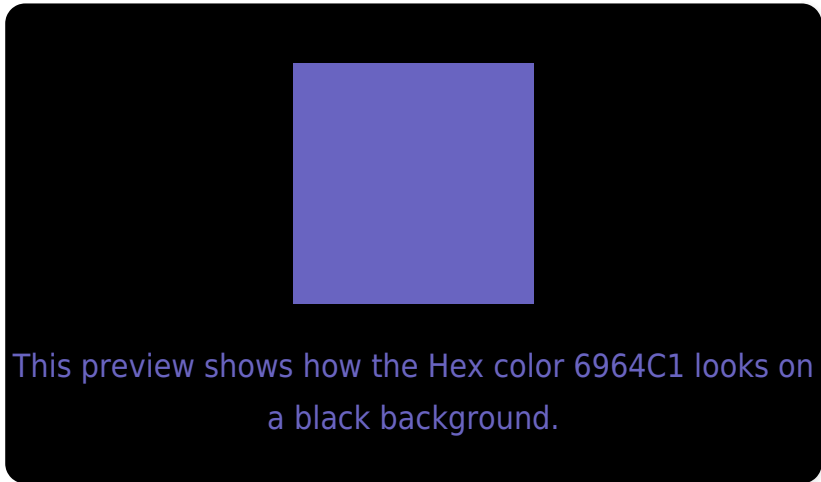
Large Text (above 18pt) WCAG AA ✓ Pass

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

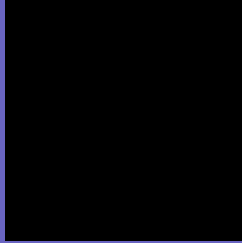
Any Text WCAG AA × Fail

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 6964C1 Background



This preview shows how black text looks on a background with the Hex color 6964C1.



This preview shows how white text looks on a background with the Hex color 6964C1.

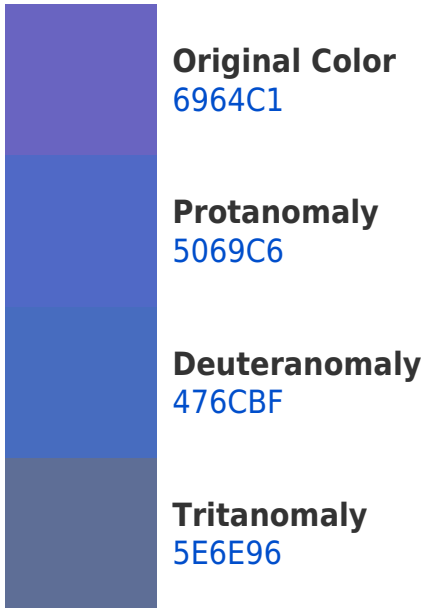
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6964C1 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 #6964C1 looks like.

```
.text, #text, p{  
    color:#6964C1  
}
```

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 #6964C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6964C1
}
```

Border

The CSS property to change the border of an element to Hex 6964C1 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
#6964C1 }
```

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

```
.border{ border-color:#6964C1 }
```

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

Here you see how a box with a 4 pixel #6964C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6964C1; -webkit-box-shadow:4px 4px  
4px 4px #6964C1; box-shadow:4px 4px 4px  
4px #6964C1 }
```

Background

The CSS property to change the background color of an element to Hex 6964C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6964C1 }
```

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

```
.background{ background-color:#6964C1 }
```

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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