

Converting Colors

Hex(6966C1)

Have a look what the booklet for
Hex(6966C1) contains.

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Color

Hex(6966C1)

Conversions

Conversions Part 1

Format	Color
Hex	6966C1
RGB	105, 102, 193
RGB Percent	41%, 40%, 76%
CMY	0.5882, 0.6000, 0.2431
CMYK	0.46, 0.47, 0.00, 0.24
HSL	242°, 42%, 58%
HSV	242°, 47%, 76%
XYZ	20.2027, 16.3563, 52.5444
YIQ	113.2710, -27.4230, 28.9370

Conversions

Conversions Part 2

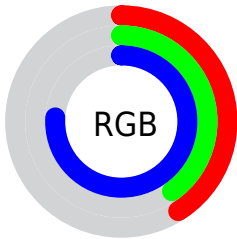
Format	Color
R_{YB}	105, 102, 193
Decimal	6907585
CIE _{Lab}	47.44, 24.95, -47.50
CIE _{LCh}	47, 53.654, 297.717
Yxy	16.3563, 0.2267, 0.1836
Android (android.graphics.Color)	4285097665 (0xFF6966C1)
YUV	113.2710, 39.3064, -7.2537
Hunter-Lab	40.4429, 18.3923, -48.7210

Details

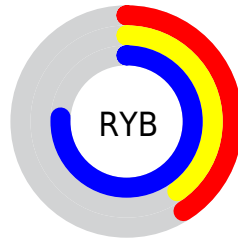
The Hex color **6966C1** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BEC166**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A199FA**, and **31378B** is the 20% darker color. If you saturate the color by 10%, you get **5653C1**, and if you desaturate by 10%, it is **7C79C1**.

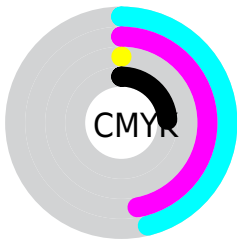
Distribution



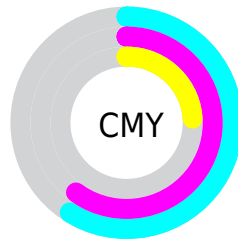
- Red (41%)
- Green (40%)
- Blue (76%)



- Red (41%)
- Yellow (40%)
- Blue (76%)



- Cyan (46%)
- Magenta (47%)
- Yellow (0%)
- Black (24%)



- Cyan (59%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6966C1 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 6966C1 by changing the saturation by 10% instead.

■ 6966C1

■ 6966C1

FFFFFF

■ 4D4EA5

■ A199FA

■ 31378B

■ BDB4FF

■ 0B2271

■ DACFFF

■ 000E58

■ F7ECFF

■ 000040

■ 000329

■ 000113

■ 000000

■ 6966C1

■ 6966C1

■ 5653C1

■ 7C79C1

■ 443FC1

■ 8E8DC1

■ 312CC1

■ A1A0C1

■ 1E19C1

■ B4B3C1

■ 0C05C1

■ C6C7C1

■ 0600C1

■ D9DAC1

■ ECEDC1

■ FEFFC1

■ FFFFC1

Harmonies

Analogous

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



0077CB



6966C1



A351A1

Triad

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



6966C1



AC5B22



00856C

Complementary

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



6966C1



BEC166

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.



10823D



6966C1



8A6D01

Square

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



6966C1



BF4949



5D7A14



008599

Rectangle

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



6966C1



B84685



5D7A14



00845C

Sweetspot

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



6966C1



D8D7FA



66BFC1



68687D



FCFCFC



7D7D7D

Same Dimension

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



6966C1



706BFA



9566C1



585761



0500A1



010021

Inverse Universe

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



C166BE



FA6BF5



92C166



615761



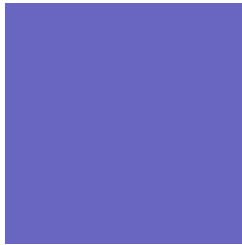
A1009B



210020

Previews

White Background



This preview shows how the Hex color 6966C1 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



This preview shows how the Hex color 6966C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

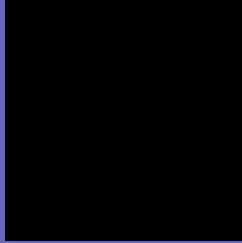
Any Text WCAG AA × Fail

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 6966C1 Background



This preview shows how black text looks on a background with the Hex color 6966C1.




This preview shows how white text looks on a background with the Hex color 6966C1.

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](#).

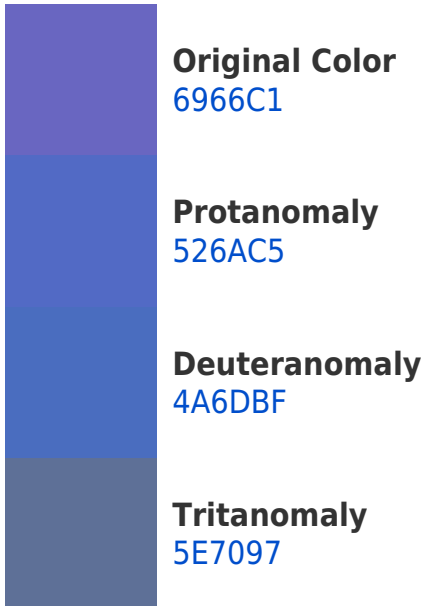
Dichromacy





Tritanopia
57757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6966C1 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 #6966C1 looks like.

```
.text, #text, p{  
    color:#6966C1  
}
```

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 #6966C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6966C1
}
```

Border

The CSS property to change the border of an element to Hex 6966C1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

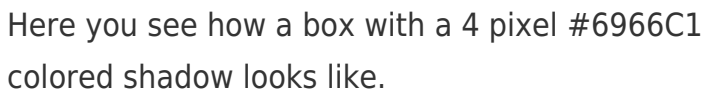
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6966C1 }
```

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

```
.border{ border-color:#6966C1 }
```

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



Here you see how a box with a 4 pixel #6966C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6966C1; -webkit-box-shadow:4px 4px  
4px 4px #6966C1; box-shadow:4px 4px 4px  
4px #6966C1 }
```

Background

The CSS property to change the background color of an element to Hex 6966C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6966C1 }
```

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

```
.background{ background-color:#6966C1 }
```

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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