

Converting Colors

Hex(6960A4)

Have a look what the booklet for
Hex(6960A4) contains.

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Color

Hex(6960A4)

Conversions

Conversions Part 1

Format	Color
Hex	6960A4
RGB	105, 96, 164
RGB Percent	41%, 38%, 64%
CMY	0.5882, 0.6235, 0.3569
CMYK	0.36, 0.41, 0.00, 0.36
HSL	248°, 27%, 51%
HSV	248°, 41%, 64%
XYZ	16.7094, 14.0493, 36.9531
YIQ	106.4430, -16.4640, 23.0560

Conversions

Conversions Part 2

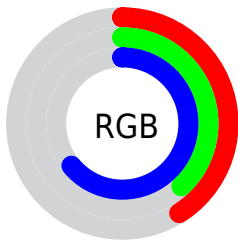
Format	Color
RYB	105, 96, 164
Decimal	6906020
CIELab	44.30, 20.17, -35.53
CIElCh	44, 40.859, 299.579
Yxy	14.0493, 0.2468, 0.2075
Android (android.graphics.Color)	4285096100 (0xFF6960A4)
YUV	106.4430, 28.3756, -1.2655
Hunter-Lab	37.4824, 13.9798, -32.2149

Details

The Hex color **6960A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9BA460**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9E93DB**, and **363270** is the 20% darker color. If you saturate the color by 10%, you get **5B50A4**, and if you desaturate by 10%, it is **7770A4**.

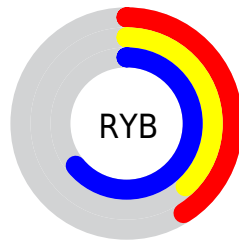
Distribution



Red (41%)

Green (38%)

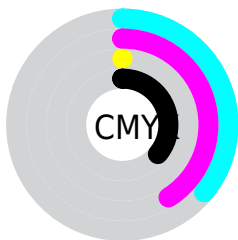
Blue (64%)



Red (41%)

Yellow (38%)

Blue (64%)

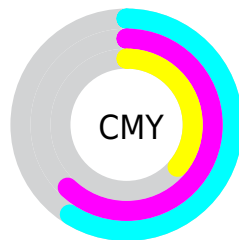


Cyan (36%)

Magenta (41%)

Yellow (0%)

Black (36%)



Cyan (59%)

Magenta (62%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6960A4 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 6960A4 by changing the saturation by 10% instead.

6960A4

6960A4

FFFFFF

4F4889

9E93DB

363270

BAADF8

1B1D57

D6C9FF

00063F

F3E5FF

000329

000112

000000

6960A4

6960A4

5B50A4

7770A4

■ 4D3FA4

■ 8581A4

■ 3E2FA4

■ 9491A4

■ 301EA4

■ A2A2A4

■ 220EA4

■ B0B2A4

■ 1600A4

■ BEC2A4

■ CDD3A4

■ DBE3A4

■ E9F4A4

Harmonies

Analogous

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



186DAD



6960A4



92528C

Triad

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



6960A4



965A2E



007967

Complementary

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



6960A4



9BA460

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.



2B7745



6960A4



7C6721

Square

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



6960A4



A64E49



5A712A



007989

Rectangle

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



6960A4



A14C76



5A712A



00795B

Sweetspot

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



6960A4



C0BCD6



609CA4



5E5C6B



EBEBEB



6B6B6B

Same Dimension

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



6960A4



796BD6



8A60A4



4B4952



130091



020012

Inverse Universe

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



A4609B



D66BC8



7AA460



524951



91007E



12000F

Previews

White Background



This preview shows how the Hex color 6960A4 looks on a white background.

Color Contrast Check

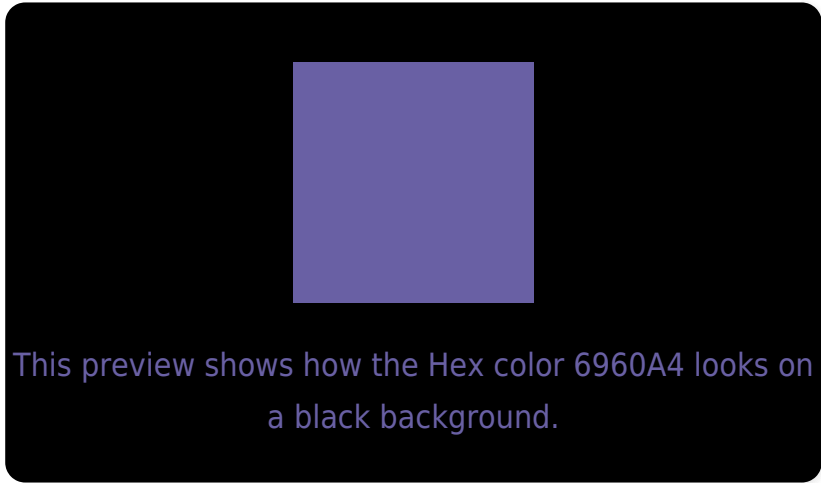
Large Text (above 18pt) WCAG AA ✓ Pass

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

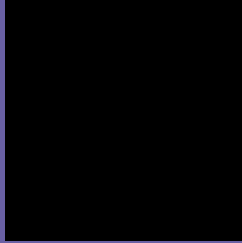
Any Text WCAG AA × Fail

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 6960A4 Background



This preview shows how black text looks on a background with the Hex color 6960A4.



This preview shows how white text looks on a background with the Hex color 6960A4.

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](#).

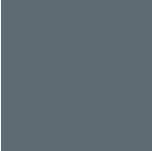
Dichromacy



Original Color
6960A4

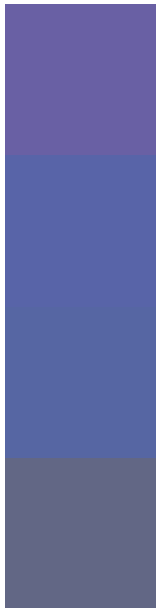
Protanopia
4E67AA

Deuteranopia
4B69A2



Tritanopia
5E6B73

Trichromacy



Original Color
6960A4

Protanomaly
5864A8

Deuteranomaly
5666A3

Tritanomaly
626785

Monochromacy



Original Color
6960A4

Achromatopsia
6A6A6A

Achromatomaly
6A667F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6960A4 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 #6960A4 looks like.

```
.text, #text, p{  
    color:#6960A4  
}
```

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 #6960A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6960A4
}
```

Border

The CSS property to change the border of an element to Hex 6960A4 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".

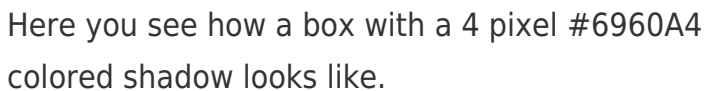
```
.border, #border, table{ border:4px solid
#6960A4 }
```

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

```
.border{ border-color:#6960A4 }
```

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

Here you see how a box with a 4 pixel #6960A4 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6960A4; -webkit-box-shadow:4px 4px  
4px 4px #6960A4; box-shadow:4px 4px 4px  
4px #6960A4 }
```

Background

The CSS property to change the background color of an element to Hex 6960A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6960A4 }
```

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

```
.background{ background-color:#6960A4 }
```

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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