

Converting Colors

Hex(6D5DA4)

Have a look what the booklet for
Hex(6D5DA4) contains.

Hex(6D5DA4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D5DA4)

Conversions

Conversions Part 1

Format	Color
Hex	6D5DA4
RGB	109, 93, 164
RGB Percent	43%, 36%, 64%
CMY	0.5725, 0.6353, 0.3569
CMYK	0.34, 0.43, 0.00, 0.36
HSL	254°, 28%, 50%
HSV	254°, 43%, 64%
XYZ	16.9219, 13.7602, 36.8861
YIQ	105.8780, -13.2550, 25.4730

Conversions

Conversions Part 2

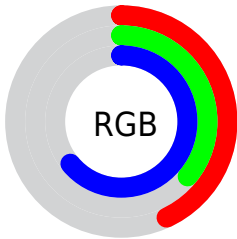
Format	Color
R _Y B	109, 93, 164
Decimal	7167396
CIE Lab	43.89, 23.15, -36.17
CIE LCh	44, 42.941, 302.618
Yxy	13.7602, 0.2504, 0.2036
Android (android.graphics.Color)	4285357476 (0xFF6D5DA4)
YUV	105.8780, 28.6541, 2.7380
Hunter-Lab	37.0948, 16.5120, -32.9900

Details

The Hex color **6D5DA4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **94A45D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A38FDB**, and **3A2F70** is the 20% darker color. If you saturate the color by 10%, you get **604DA4**, and if you desaturate by 10%, it is **7A6DA4**.

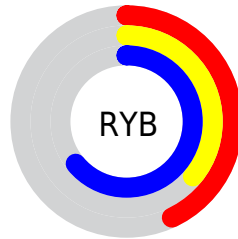
Distribution



Red (43%)

Green (36%)

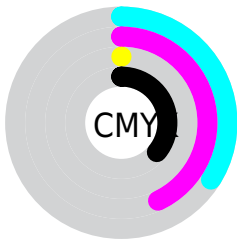
Blue (64%)



Red (43%)

Yellow (36%)

Blue (64%)

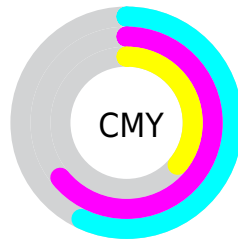


Cyan (34%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D5DA4 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 6D5DA4 by changing the saturation by 10% instead.

6D5DA4

6D5DA4

FFFFFF

534589

A38FDB

3A2F70

BEAAF8

201A57

DBC5FF

05023F

F8E1FF

000328

FFFEFF

000112

000000

6D5DA4

6D5DA4

604DA4

7A6DA4

■ 543CA4

■ 867EA4

■ 472CA4

■ 938EA4

■ 3A1BA4

■ A09FA4

■ 2D0BA4

■ ADAFA4

■ 2500A4

■ B9BFA4

■ C6D0A4

■ D3E0A4

■ DFF1A4

Harmonies

Analogous

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



1A6BAF



6D5DA4



964E89

Triad

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



6D5DA4



955A28



00796A

Complementary

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



6D5DA4



94A45D

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.



1C7745



6D5DA4



78671B

Square

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



6D5DA4



A64C43



547128



00788D

Rectangle

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



6D5DA4



A44872



547128



00795D

Sweetspot

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



6D5DA4



C1BAD6



5D95A4



5E5A6B



EBEBEB



6B6B6B

Same Dimension

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



6D5DA4



8067D6



905DA4



4B4952



210091



040012

Inverse Universe

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



A45D94



D667BD



71A45D



524950



910071



12000E

Previews

White Background



This preview shows how the Hex color 6D5DA4 looks on a white background.

Color Contrast Check

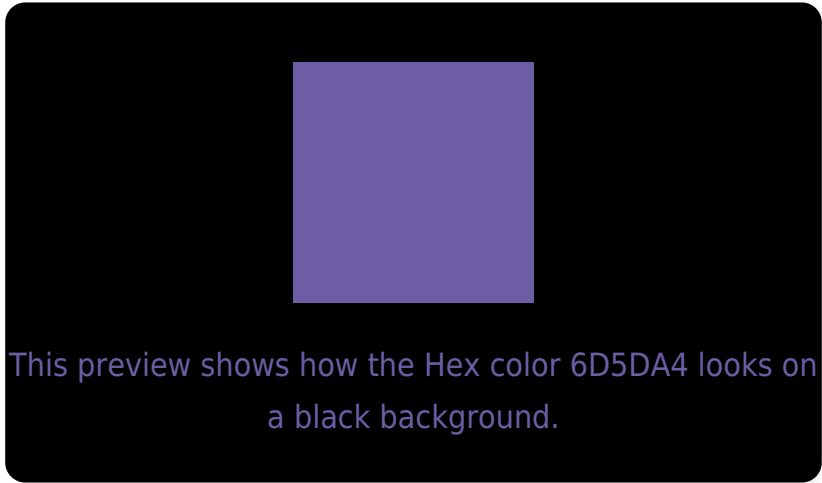
Large Text (above 18pt) WCAG AA ✓ Pass

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

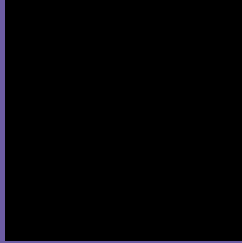
Any Text WCAG AA × Fail

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 6D5DA4 Background



This preview shows how black text looks on a background with the Hex color 6D5DA4.



This preview shows how white text looks on a background with the Hex color 6D5DA4.

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
6D5DA4

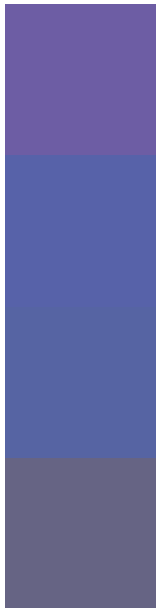
Protanopia
4B65AC

Deuteranopia
4968A2



Tritanopia
626871

Trichromacy



Original Color
6D5DA4

Protanomaly
5762A9

Deuteranomaly
5664A3

Tritanomaly
666484

Monochromacy



Original Color
6D5DA4

Achromatopsia
6A6A6A

Achromatomaly
6B657F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D5DA4 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 #6D5DA4 looks like.

```
.text, #text, p{  
    color:#6D5DA4  
}
```

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 #6D5DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5DA4
}
```

Border

The CSS property to change the border of an element to Hex 6D5DA4 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
#6D5DA4 }
```

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

```
.border{ border-color:#6D5DA4 }
```

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

Here you see how a box with a 4 pixel #6D5DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5DA4; -webkit-box-shadow:4px 4px  
4px 4px #6D5DA4; box-shadow:4px 4px 4px  
4px #6D5DA4 }
```

Background

The CSS property to change the background color of an element to Hex 6D5DA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5DA4 }
```

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

```
.background{ background-color:#6D5DA4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor