

# Converting Colors

Hex(6D6EA4)

Have a look what the booklet for  
Hex(6D6EA4) contains.

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# Color

**Hex(6D6EA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D6EA4
RGB	109, 110, 164
RGB Percent	43%, 43%, 64%
CMY	0.5725, 0.5686, 0.3569
CMYK	0.34, 0.33, 0.00, 0.36
HSL	239°, 23%, 54%
HSV	239°, 34%, 64%
XYZ	18.5834, 17.0834, 37.4399
YIQ	115.8570, -17.9300, 16.5820

# Conversions

## Conversions Part 2

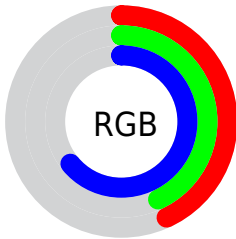
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	109, 110, 164
Decimal	7171748
CIE <sub>Lab</sub>	48.36, 12.77, -29.14
CIE <sub>LCh</sub>	48, 31.816, 293.656
Y <sub>xy</sub>	17.0834, 0.2542, 0.2337
Android (android.graphics.Color)	4285361828 (0xFF6D6EA4)
Y <sub>UV</sub>	115.8570, 23.7345, -6.0136
Hunter-Lab	41.3321, 7.9248, -24.7743

# Details

The Hex color **6D6EA4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A4A36D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A2A1DB**, and **3B3F70** is the 20% darker color. If you saturate the color by 10%, you get **5D5EA4**, and if you desaturate by 10%, it is **7D7EA4**.

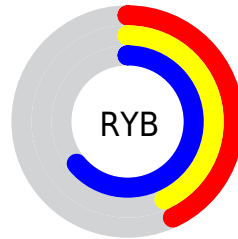
# Distribution



Red (43%)

Green (43%)

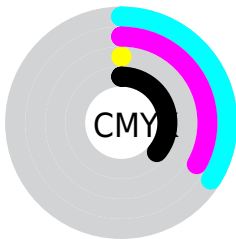
Blue (64%)



Red (43%)

Yellow (43%)

Blue (64%)

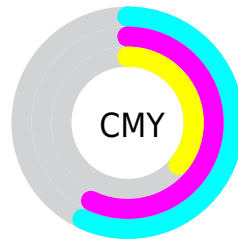


Cyan (34%)

Magenta (33%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (57%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D6EA4 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 6D6EA4 by changing the saturation by 10% instead.





6D6EA4



6D6EA4

FFFFFF



54568A



A2A1DB



3B3F70



BEBCF8



222957



DAD8FF



051540



F7F5FF



000029



000113



000000



6D6EA4



6D6EA4



5D5EA4



7D7EA4

 4C4EA4

 8E8EA4

 3C3EA4

 9E9EA4

 2B2EA4

 AFAEA4

 1B1DA4

 BFBFA4

 0B0DA4

 CFCFA4

 0003A4

 E0DFA4

 F0EFA4

 FFFFA4

# Harmonies

## Analogous

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



3D77A8



6D6EA4



8F6493

# Triad

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



6D6EA4



9D6648



26816C

# Complementary

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



6D6EA4



A4A36D

# 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.



4F7E52



6D6EA4



896F3D

# Square

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



6D6EA4



A65F5F



6E7840



008187

# Rectangle

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



6D6EA4



9E5F83



6E7840



358063



# Sweetspot

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



6D6EA4



C1C1D6



6DA4A2



5E5E6B



EBEBEB



6B6B6B



# Same Dimension

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



6D6EA4



8182D6



876DA4



494A52



000391



000012



# Inverse Universe

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



A46D6E



D68182



8AA46D



52494A



910003

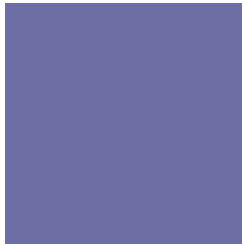


120000



# Previews

## White Background



This preview shows how the Hex color 6D6EA4 looks on a white background.

## Color Contrast Check

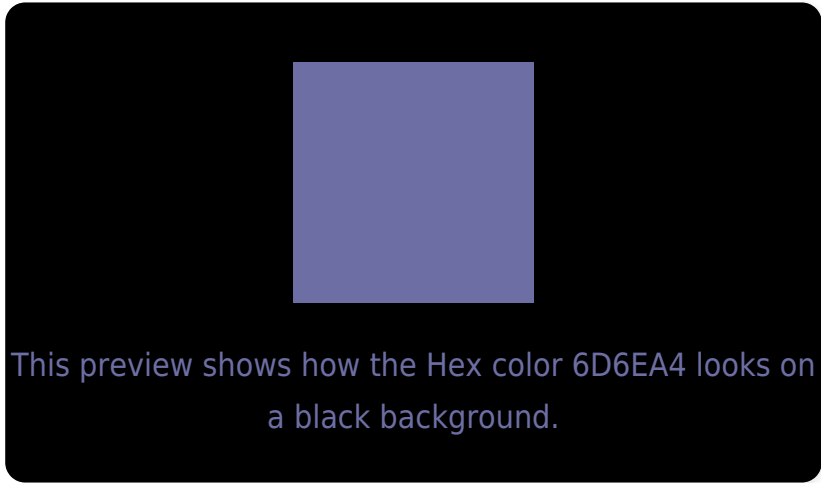
Large Text (above 18pt) WCAG AA ✓ Pass

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

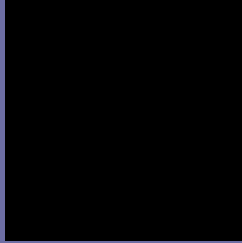
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D6EA4 Background



This preview shows how black text looks on a background with the Hex color 6D6EA4.



This preview shows how white text looks on a background with the Hex color 6D6EA4.

# 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](#).

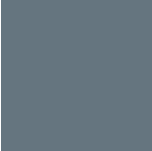
## Dichromacy



**Original Color**  
6D6EA4

**Protanopia**  
6171A6

**Deuteranopia**  
6172A3



**Tritanopia**  
65757F

# Trichromacy



**Original Color**  
6D6EA4

**Protanomaly**  
6570A5

**Deuteranomaly**  
6571A3

**Tritanomaly**  
68728C

# Monochromacy



**Original Color**  
6D6EA4

**Achromatopsia**  
747474

**Achromatomaly**  
717285

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D6EA4 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 #6D6EA4 looks like.

```
.text, #text, p{  
    color:#6D6EA4  
}
```

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 #6D6EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6EA4
}
```

## Border

The CSS property to change the border of an element to Hex 6D6EA4 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".

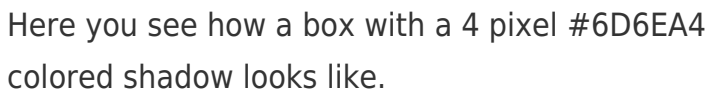
```
.border, #border, table{ border:4px solid
#6D6EA4 }
```

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

```
.border{ border-color:#6D6EA4 }
```

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

Here you see how a box with a 4 pixel #6D6EA4 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6EA4; -webkit-box-shadow:4px 4px  
4px 4px #6D6EA4; box-shadow:4px 4px 4px  
4px #6D6EA4 }
```

# Background

The CSS property to change the background color of an element to Hex 6D6EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6EA4 }
```

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

```
.background{ background-color:#6D6EA4 }
```

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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