

# Converting Colors

Hex(6960DE)

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

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# Color

**Hex(6960DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6960DE
RGB	105, 96, 222
RGB Percent	41%, 38%, 87%
CMY	0.5882, 0.6235, 0.1294
CMYK	0.53, 0.57, 0.00, 0.13
HSL	244°, 66%, 62%
HSV	244°, 57%, 87%
XYZ	23.1934, 16.6429, 71.0972
YIQ	113.0550, -35.0820, 41.0940

# Conversions

## Conversions Part 2

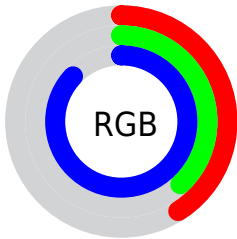
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 96, 222
Decimal	6906078
CIE <sub>Lab</sub>	47.81, 37.42, -63.50
CIE <sub>LCh</sub>	48, 73.704, 300.510
Yxy	16.6429, 0.2091, 0.1500
Android (android.graphics.Color)	4285096158 (0xFF6960DE)
YUV	113.0550, 53.7099, -7.0642
Hunter-Lab	40.7957, 30.0891, -74.7713

# Details

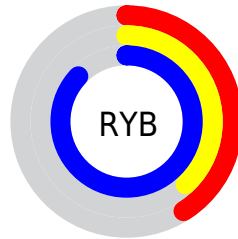
The Hex color **6960DE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D5DE60**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A493FF**, and **2731A6** is the 20% darker color. If you saturate the color by 10%, you get **544ADE**, and if you desaturate by 10%, it is **7E76DE**.

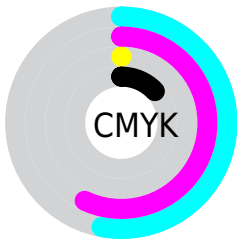
# Distribution



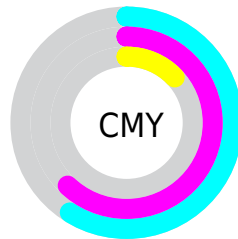
- Red (41%)
- Green (38%)
- Blue (87%)



- Red (41%)
- Yellow (38%)
- Blue (87%)



- Cyan (53%)
- Magenta (57%)
- Yellow (0%)
- Black (13%)



- Cyan (59%)
- Magenta (62%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



■ 6960DE

■ 6960DE

FFFFFF

■ 4A48C2

■ A493FF

■ 2731A6

■ C1AEFF

■ 001C8B

■ DFC9FF

■ 000871

■ FDE5FF

■ 000057

■ 00063F

■ 000328

■ 000112

■ 000000

6960DE

6960DE

544ADE

7E76DE

4034DE

928CDE

2B1DDE

A7A3DE

1707DE

BBB9DE

1000DE

D0CFDE

E5E5DE

F9FBDE

FFFFDE

# Harmonies

## Analogous

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



0079EF



6960DE



BA3AB0

# Triad

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



6960DE



B85500



008B71

# Complementary

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



6960DE



D5DE60

# 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.



00882E



6960DE



896F00

# Square

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



6960DE



D62F36



4A7F00



008CAF

# Rectangle

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



6960DE



D41E88



4A7F00



008B5B



# Sweetspot

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



6960DE



D7D4FF



60D6DE



686680



000000



808080



# Same Dimension

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



6960DE



5E52FF



A760DE



666570



0D00B0



030030



# Inverse Universe

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



DE60D5



FF52F3



97DE60



70656F



B000A3

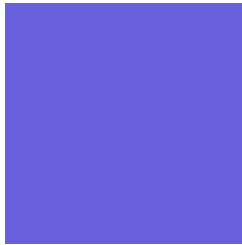


30002D



# Previews

## White Background



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

## Color Contrast Check

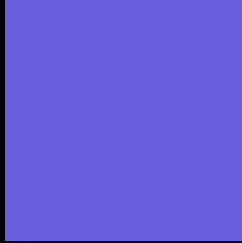
Large Text (above 18pt) WCAG AA ✓ Pass

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 6960DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

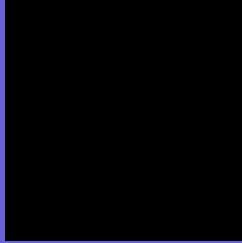
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6960DE Background



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

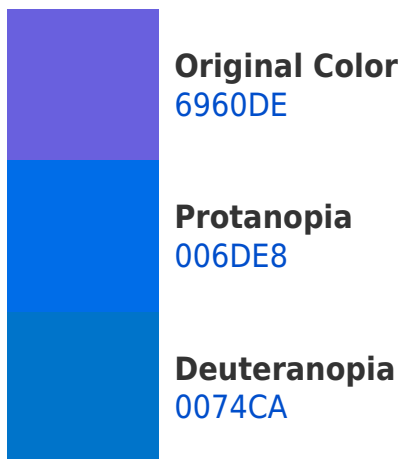


This preview shows how white text looks on a background with the Hex color 6960DE.

# 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](#).

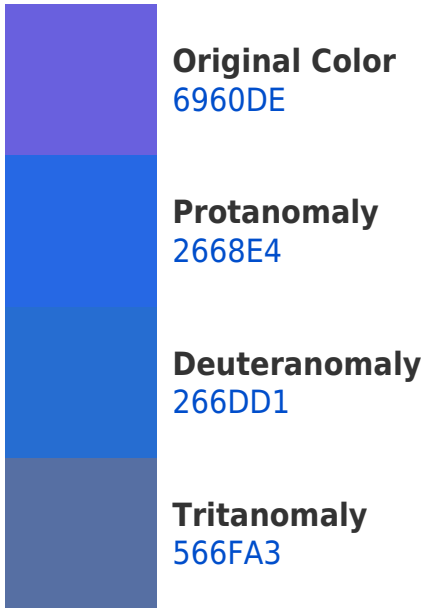
## Dichromacy





**Tritanopia**  
4B7882

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6960DE colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 6960DE 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
#6960DE }
```

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

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

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

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

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

# Background

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

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

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

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

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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