

# Converting Colors

Hex(6950D9)

Have a look what the booklet for  
Hex(6950D9) contains.

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# Color

Hex(6950D9)

# Conversions

## Conversions Part 1

Format	Color
Hex	6950D9
RGB	105, 80, 217
RGB Percent	41%, 31%, 85%
CMY	0.5882, 0.6863, 0.1490
CMYK	0.52, 0.63, 0.00, 0.15
HSL	251°, 64%, 58%
HSV	251°, 63%, 85%
XYZ	21.2187, 13.7503, 67.1814
YIQ	103.0930, -29.0770, 47.9070

# Conversions

## Conversions Part 2

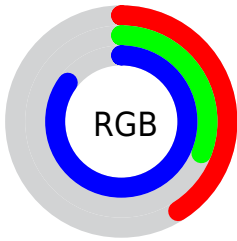
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	105, 80, 217
Decimal	6901977
CIE Lab	43.87, 45.25, -67.04
CIE LCh	44, 80.877, 304.017
Yxy	13.7503, 0.2077, 0.1346
Android (android.graphics.Color)	4285092057 (0xFF6950D9)
YUV	103.0930, 56.1562, 1.6724
Hunter-Lab	37.0814, 37.2488, -81.4602

# Details

The Hex color **6950D9** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **C0D950**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A483FF**, and **2721A1** is the 20% darker color. If you saturate the color by 10%, you get **573AD9**, and if you desaturate by 10%, it is **7B66D9**.

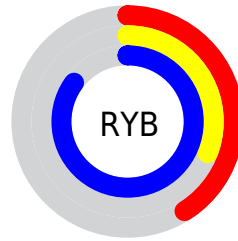
# Distribution



Red (41%)

Green (31%)

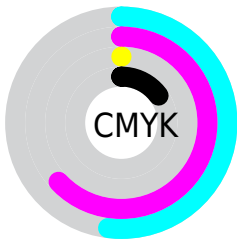
Blue (85%)



Red (41%)

Yellow (31%)

Blue (85%)

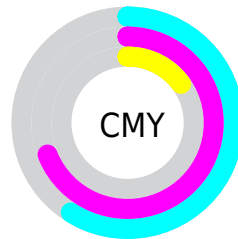


Cyan (52%)

Magenta (63%)

Yellow (0%)

Black (15%)



Cyan (59%)

Magenta (69%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6950D9 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 6950D9 by changing the saturation by 10% instead.



6950D9

6950D9

FFFFFF

4A38BD

A483FF

2721A1

C29DFF

000986

E0B8FF

00006C

FED4FF

000053

FFF1FF

00063A

000224

00000B

000000

■ 6950D9

■ 6950D9

■ 573AD9

■ 7B66D9

■ 4625D9

■ 8C7BD9

■ 340FD9

■ 9E91D9

■ 2800D9

■ B0A7D9

■ C2BCD9

■ D3D2D9

■ E5E8D9

■ F7FED9

■ FFFFD9

# Harmonies

## Analogous

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



006FF0



6950D9



BB13A4

# Triad

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



6950D9



AC4C00



00826F

# Complementary

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



6950D9



COD950

# 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.



007F26



6950D9



776800

# Square

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



6950D9



CF1220



2A7800



0082B2

# Rectangle

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



6950D9



D30078



2A7800



008258



# Sweetspot

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



6950D9



D7CFFF



50C2D9



686280



000000



808080



# Same Dimension

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



6950D9



613DFF



AB50D9



65636E



2000AD



08002E



# Inverse Universe

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



D950C0



FF3DDC



7ED950



6E636C



AD008E



2E0026



# Previews

## White Background



This preview shows how the Hex color 6950D9 looks on a white background.

## Color Contrast Check

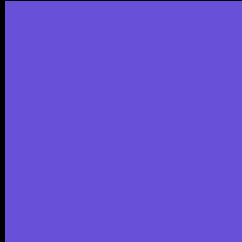
Large Text (above 18pt) WCAG AA ✓ Pass

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 6950D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

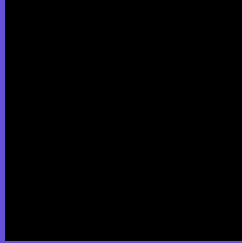
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6950D9 Background



This preview shows how black text looks on a background with the Hex color 6950D9.

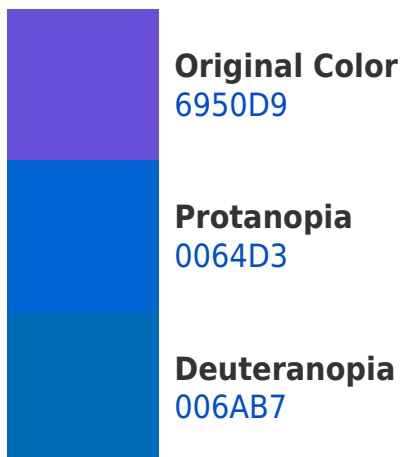



This preview shows how white text looks on a background with the Hex color 6950D9.

# 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](#).

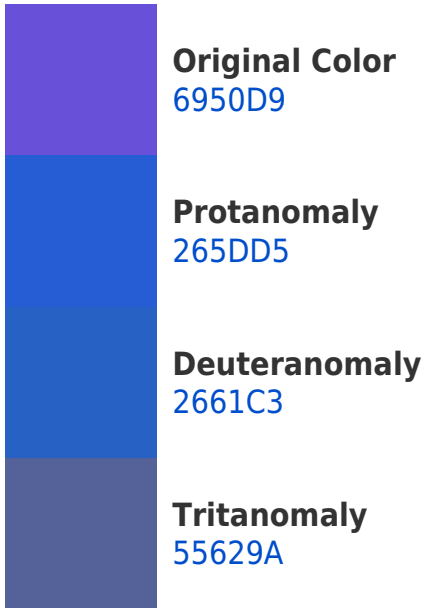
## Dichromacy





**Tritanopia**  
4A6D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6950D9 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 #6950D9 looks like.

```
.text, #text, p{  
    color:#6950D9  
}
```

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 #6950D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6950D9
}
```

## Border

The CSS property to change the border of an element to Hex 6950D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

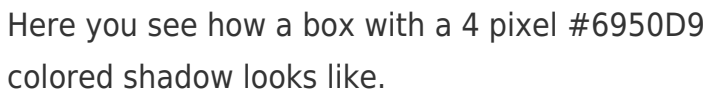
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6950D9 }
```

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

```
.border{ border-color:#6950D9 }
```

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



Here you see how a box with a 4 pixel #6950D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6950D9; -webkit-box-shadow:4px 4px  
4px 4px #6950D9; box-shadow:4px 4px 4px  
4px #6950D9 }
```

# Background

The CSS property to change the background color of an element to Hex 6950D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6950D9 }
```

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

```
.background{ background-color:#6950D9 }
```

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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