

# Converting Colors

Hex(9070D2)

Have a look what the booklet for  
Hex(9070D2) contains.

<b>Hex(9070D2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9070D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9070D2
RGB	144, 112, 210
RGB Percent	56%, 44%, 82%
CMY	0.4353, 0.5608, 0.1765
CMYK	0.31, 0.47, 0.00, 0.18
HSL	260°, 52%, 63%
HSV	260°, 47%, 82%
XYZ	28.9286, 22.1708, 63.7274
YIQ	132.7400, -12.3860, 37.2620

# Conversions

## Conversions Part 2

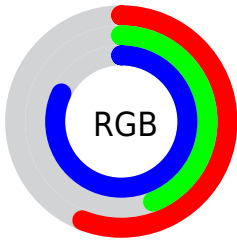
Format	Color
<a href="#">RYB</a>	<a href="#">144, 112, 210</a>
Decimal	<a href="#">9466066</a>
CIELab	<a href="#">54.21, 33.71, -46.25</a>
CIELCh	<a href="#">54, 57.231, 306.089</a>
Yxy	<a href="#">22.1708, 0.2519, 0.1931</a>
Android (android.graphics.Color)	<a href="#">4287656146 (0xFF9070D2)</a>
YUV	<a href="#">132.7400, 38.0892, 9.8750</a>
Hunter-Lab	<a href="#">47.0859, 27.2667, -47.2848</a>

# Details

The Hex color **9070D2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B2D270**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C8A4FF**, and **5A3F9B** is the 20% darker color. If you saturate the color by 10%, you get **825BD2**, and if you desaturate by 10%, it is **9E85D2**.

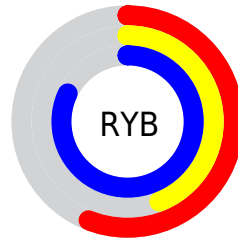
# Distribution



Red (56%)

Green (44%)

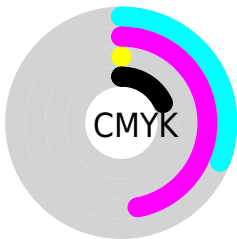
Blue (82%)



Red (56%)

Yellow (44%)

Blue (82%)

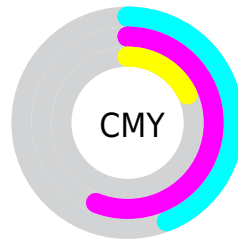


Cyan (31%)

Magenta (47%)

Yellow (0%)

Black (18%)



Cyan (44%)

Magenta (56%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9070D2 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 9070D2 by changing the saturation by 10% instead.



 9070D2

 9070D2

FFFFFF

 7557B6

 C8A4FF

 5A3F9B

 E5C0FF

 3F2880

 FFDCFF

 231267

 FFF8FF

 00004E

 000037

 000220

 000004

 000000

9070D2

9070D2

825BD2

9E85D2

7446D2

AC9AD2

6631D2

BAAFD2

571CD2

C9C4D2

4907D2

D7D9D2

4500D2

E5EED2

F3FFD2

FFFFD2

# Harmonies

## Analogous

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



0584E4



9070D2



C55AAB

# Triad

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



9070D2



BA7022



00998B

# Complementary

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



9070D2



B2D270

# 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.



009657



9070D2



91830C

# Square

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



9070D2



D45C4A



5D8F2A



0098BB

# Rectangle

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



9070D2



D6528A



5D8F2A



009879



# Sweetspot

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



9070D2



E7DBFF



70B3D2



716A80



000000



808080



# Same Dimension

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



9070D2



9F70FF



C070D2



625E69



3700A8



0D0029



# Inverse Universe

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



D270B2



FF70D0



82D270



695E65



A80071

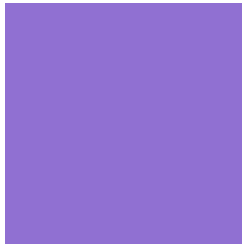


29001B



# Previews

## White Background



This preview shows how the Hex color 9070D2 looks on a white background.

## Color Contrast Check

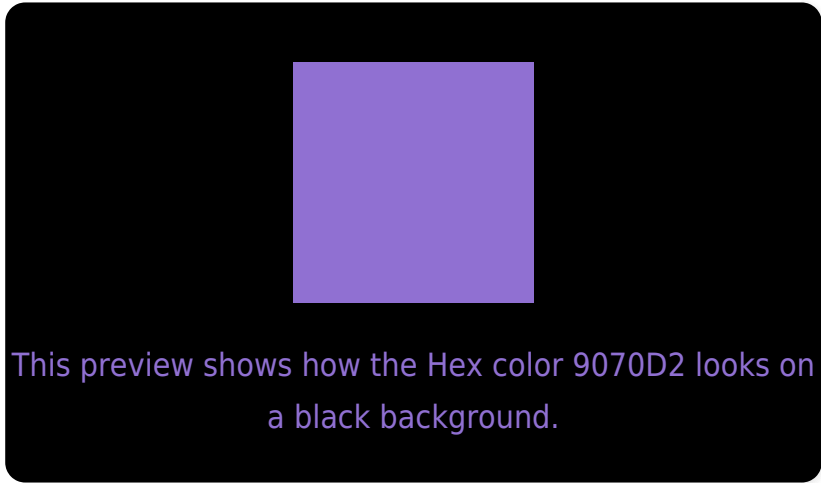
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

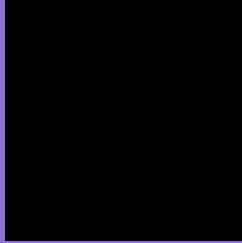
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9070D2 Background



This preview shows how black text looks on a background with the Hex color 9070D2.



This preview shows how white text looks on a background with the Hex color 9070D2.

# 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](#).

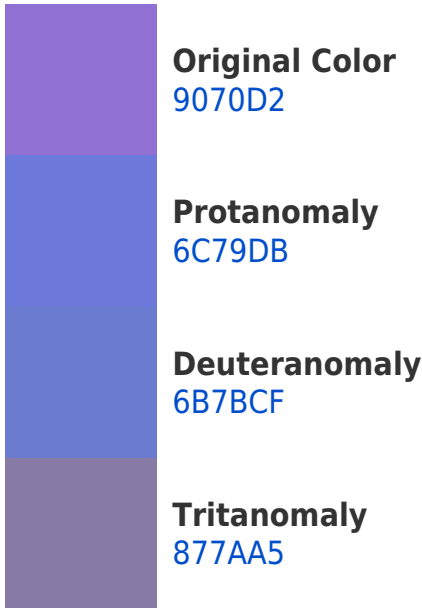
## Dichromacy



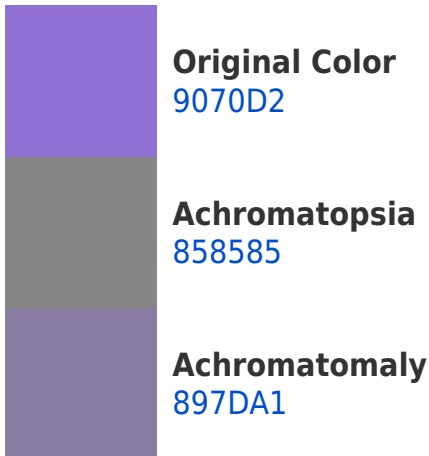


**Tritanopia**  
82808B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9070D2 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 #9070D2 looks like.

```
.text, #text, p{  
    color:#9070D2  
}
```

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 #9070D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9070D2
}
```

## Border

The CSS property to change the border of an element to Hex 9070D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

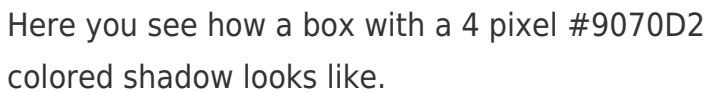
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9070D2 }
```

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

```
.border{ border-color:#9070D2 }
```

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



Here you see how a box with a 4 pixel #9070D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9070D2; -webkit-box-shadow:4px 4px  
4px 4px #9070D2; box-shadow:4px 4px 4px  
4px #9070D2 }
```

# Background

The CSS property to change the background color of an element to Hex 9070D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9070D2 }
```

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

```
.background{ background-color:#9070D2 }
```

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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