

# Converting Colors

Hex(9066D4)

Have a look what the booklet for  
Hex(9066D4) contains.

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# Color

Hex(9066D4)

# Conversions

## Conversions Part 1

Format	Color
Hex	9066D4
RGB	144, 102, 212
RGB Percent	56%, 40%, 83%
CMY	0.4353, 0.6000, 0.1686
CMYK	0.32, 0.52, 0.00, 0.17
HSL	263°, 56%, 62%
HSV	263°, 52%, 83%
XYZ	28.1366, 20.1855, 64.7006
YIQ	127.0980, -10.2780, 43.1140

# Conversions

## Conversions Part 2

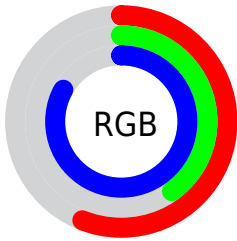
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 102, 212</a>
Decimal	<a href="#">9463508</a>
CIELab	<a href="#">52.05, 39.93, -50.82</a>
CIELCh	<a href="#">52, 64.632, 308.156</a>
Yxy	<a href="#">20.1855, 0.2489, 0.1786</a>
Android (android.graphics.Color)	<a href="#">4287653588 (0xFF9066D4)</a>
YUV	<a href="#">127.0980, 41.8567, 14.8231</a>
Hunter-Lab	<a href="#">44.9283, 33.1623, -53.9329</a>

# Details

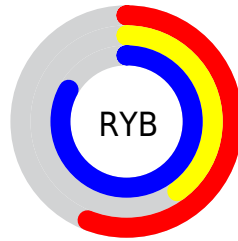
The Hex color **9066D4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AAD466**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **C99AFF**, and **59359D** is the 20% darker color. If you saturate the color by 10%, you get **8351D4**, and if you desaturate by 10%, it is **9D7BD4**.

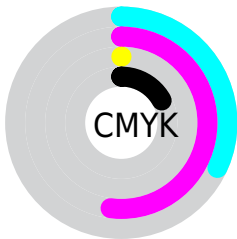
# Distribution



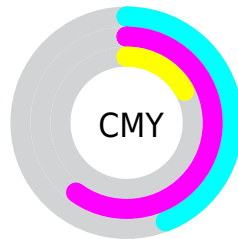
- Red (56%)
- Green (40%)
- Blue (83%)



- Red (56%)
- Yellow (40%)
- Blue (83%)



- Cyan (32%)
- Magenta (52%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (60%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9066D4 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 9066D4 by changing the saturation by 10% instead.



 9066D4

 9066D4

FFFFFF

 744DB8

 C99AFF

 59359D

 E6B5FF

 3E1D82

 FFD1FF

 200568

 FFEEFF

 000050

 000138

 000221

 000006

 000000

9066D4

9066D4

8351D4

9D7BD4

763CD4

AA90D4

6926D4

B7A6D4

5C11D4

C4BBD4

5100D4

D2D0D4

DFE5D4

ECFAD4

F9FFD4

FFFFD4

# Harmonies

## Analogous

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



007EEB



9066D4



C94BA7

# Triad

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



9066D4



B56A00



00958A

# Complementary

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



9066D4



AAD466

# 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.



009350



9066D4



887F00

# Square

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



9066D4



D5503A



4B8C16



0094C0

# Rectangle

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



9066D4



DA4082



4B8C16



009577



# Sweetspot

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



9066D4



E6D6FF



66ACD4



716780



000000



808080



# Same Dimension

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



9066D4



9D61FF



C566D4



64606B



4100AB



11002B



# Inverse Universe

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



D466AA



FF61C3



75D466



6B6067



AB006A

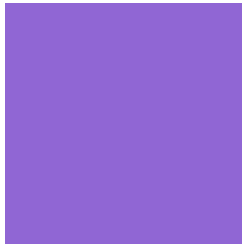


2B001B



# Previews

## White Background



This preview shows how the Hex color 9066D4 looks on a white background.

## Color Contrast Check

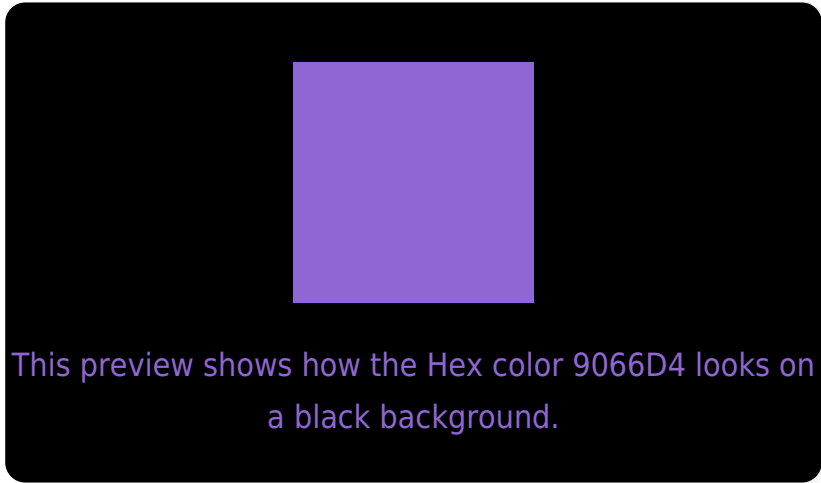
Large Text (above 18pt) WCAG AA ✓ Pass

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

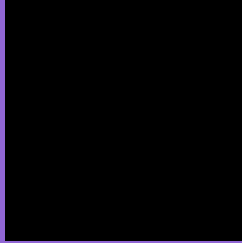
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9066D4 Background



This preview shows how black text looks on a background with the Hex color 9066D4.

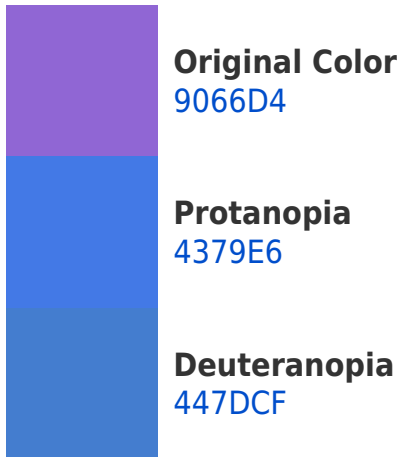



This preview shows how white text looks on a background with the Hex color 9066D4.

# 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



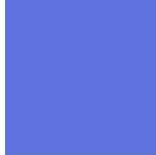


**Tritanopia**  
807A84

# Trichromacy



**Original Color**  
9066D4



**Protanomaly**  
5F72DF



**Deuteranomaly**  
6075D1



**Tritanomaly**  
8673A1

# Monochromacy



**Original Color**  
9066D4



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
85769E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9066D4 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 #9066D4 looks like.

```
.text, #text, p{  
    color:#9066D4  
}
```

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 #9066D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9066D4
}
```

## Border

The CSS property to change the border of an element to Hex 9066D4 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
#9066D4 }
```

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

```
.border{ border-color:#9066D4 }
```

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

Here you see how a box with a 4 pixel #9066D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9066D4; -webkit-box-shadow:4px 4px  
4px 4px #9066D4; box-shadow:4px 4px 4px  
4px #9066D4 }
```

# Background

The CSS property to change the background color of an element to Hex 9066D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9066D4 }
```

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

```
.background{ background-color:#9066D4 }
```

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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