

# Converting Colors

Hex(9564D0)

Have a look what the booklet for  
Hex(9564D0) contains.

<b>Hex(9564D0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(9564D0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9564D0
RGB	149, 100, 208
RGB Percent	58%, 39%, 82%
CMY	0.4157, 0.6078, 0.1843
CMYK	0.28, 0.52, 0.00, 0.18
HSL	267°, 53%, 60%
HSV	267°, 52%, 82%
XYZ	28.3368, 20.0580, 62.0526
YIQ	126.9630, -5.4640, 43.9760

# Conversions

## Conversions Part 2

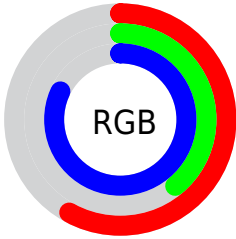
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 100, 208
Decimal	9790672
CIE <sub>Lab</sub>	51.90, 41.34, -48.74
CIE <sub>LCh</sub>	52, 63.912, 310.300
Yxy	20.0580, 0.2566, 0.1816
Android (android.graphics.Color)	4287980752 (0xFF9564D0)
YUV	126.9630, 39.9512, 19.3264
Hunter-Lab	44.7861, 34.5636, -50.7979

# Details

The Hex color **9564D0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9FD064**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CE98FF**, and **5E3399** is the 20% darker color. If you saturate the color by 10%, you get **8A4FD0**, and if you desaturate by 10%, it is **A079D0**.

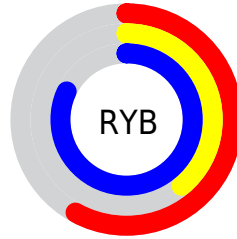
# Distribution



Red (58%)

Green (39%)

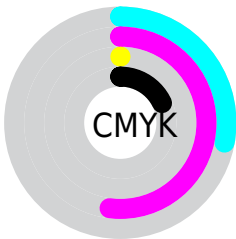
Blue (82%)



Red (58%)

Yellow (39%)

Blue (82%)

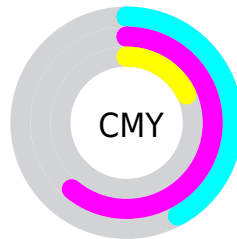


Cyan (28%)

Magenta (52%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (61%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9564D0 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 9564D0 by changing the saturation by 10% instead.



9564D0

9564D0

FFFFFF

7A4BB4

CE98FF

5E3399

EBB3FF

441A7E

FFCFFF

280065

FFECFF

0C004C

000035

00021E

000001

000000

9564D0

9564D0

8A4FD0

A079D0

7E3AD0

AC8ED0

7326D0

B7A2D0

6811D0

C2B7D0

5E00D0

CECCD0

D9E1D0

E5F6D0

F0FFD0

FBFFD0

# Harmonies

## Analogous

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



007CE8



9564D0



CA4AA2

# Triad

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



9564D0



B26C00



00958E

# Complementary

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



9564D0



9FD064

# 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.



009255



9564D0



847F00

# Square

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



9564D0



D25337



468C1C



0093C2

# Rectangle

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



9564D0



DA407E



468C1C



00947B



# Sweetspot

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



9564D0



E9D6FF



649FD0



726780



000000



808080



# Same Dimension

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



9564D0



A961FF



CB64D0



635E69



4C00A8



130029



# Inverse Universe

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



D0649F



FF61B7



69D064



695E64



A8005C

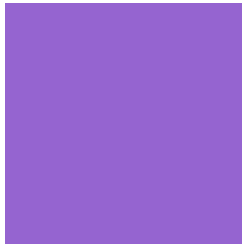


290016



# Previews

## White Background



This preview shows how the Hex color 9564D0 looks on a white background.

## Color Contrast Check

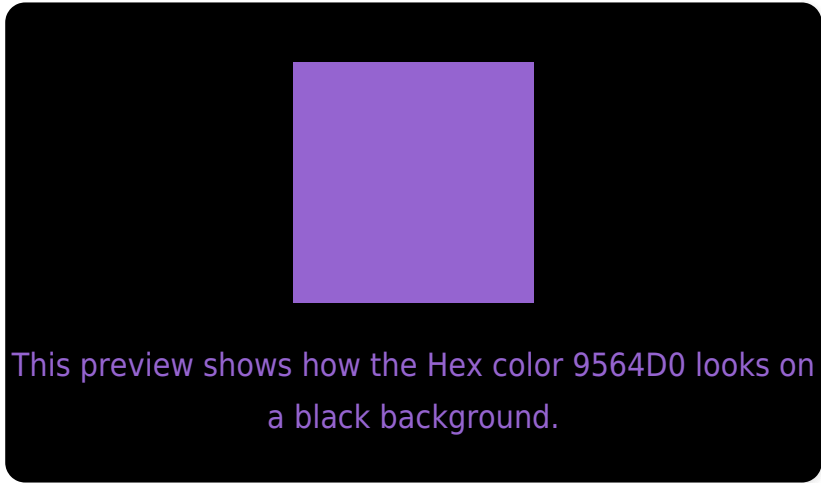
Large Text (above 18pt) WCAG AA ✓ Pass

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

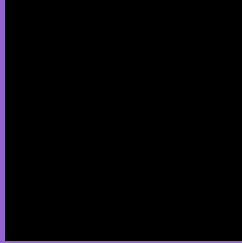
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9564D0 Background



This preview shows how black text looks on a background with the Hex color 9564D0.

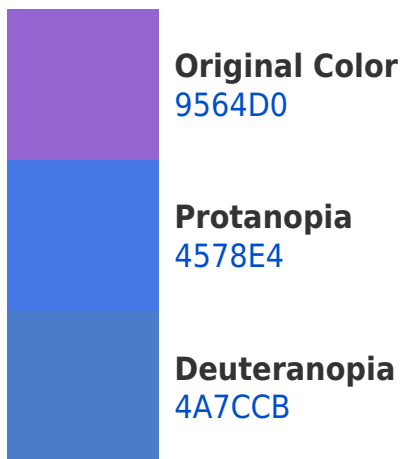


This preview shows how white text looks on a background with the Hex color 9564D0.

# 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**  
867881

# Trichromacy



**Original Color**  
9564D0



**Protanomaly**  
6271DD



**Deuteranomaly**  
6573CD



**Tritanomaly**  
8B719E

# Monochromacy



**Original Color**  
9564D0



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
87759C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9564D0 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 #9564D0 looks like.

```
.text, #text, p{  
    color:#9564D0  
}
```

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 #9564D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9564D0
}
```

## Border

The CSS property to change the border of an element to Hex 9564D0 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
#9564D0 }
```

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

```
.border{ border-color:#9564D0 }
```

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

Here you see how a box with a 4 pixel #9564D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9564D0; -webkit-box-shadow:4px 4px  
4px 4px #9564D0; box-shadow:4px 4px 4px  
4px #9564D0 }
```

# Background

The CSS property to change the background color of an element to Hex 9564D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9564D0 }
```

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

```
.background{ background-color:#9564D0 }
```

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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