

# Converting Colors

Hex(9556C4)

Have a look what the booklet for  
Hex(9556C4) contains.

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# Color

**Hex(9556C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9556C4
RGB	149, 86, 196
RGB Percent	58%, 34%, 77%
CMY	0.4157, 0.6627, 0.2314
CMYK	0.24, 0.56, 0.00, 0.23
HSL	274°, 48%, 55%
HSV	274°, 56%, 77%
XYZ	25.6860, 17.0307, 54.1580
YIQ	117.3770, 2.2380, 47.5660

# Conversions

## Conversions Part 2

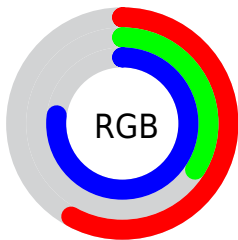
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 86, 196
Decimal	9787076
CIE <sub>Lab</sub>	48.30, 46.11, -47.60
CIE <sub>LCh</sub>	48, 66.277, 314.089
Yxy	17.0307, 0.2651, 0.1758
Android (android.graphics.Color)	4287977156 (0xFF9556C4)
YUV	117.3770, 38.7611, 27.7334
Hunter-Lab	41.2682, 38.8820, -48.9210

# Details

The Hex color **9556C4** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **85C456**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **CE8AFD**, and **5F238E** is the 20% darker color. If you saturate the color by 10%, you get **8D42C4**, and if you desaturate by 10%, it is **9D6AC4**.

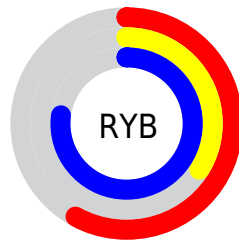
# Distribution



Red (58%)

Green (34%)

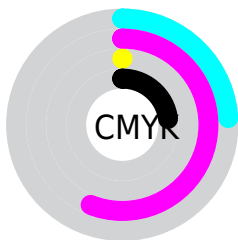
Blue (77%)



Red (58%)

Yellow (34%)

Blue (77%)

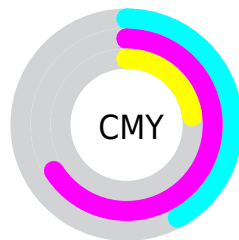


Cyan (24%)

Magenta (56%)

Yellow (0%)

Black (23%)



Cyan (42%)

Magenta (66%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9556C4 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 9556C4 by changing the saturation by 10% instead.



 9556C4

 9556C4

FFFFFF

 7A3DA8

 CE8AFD

 5F238E

 EBA5FF

 440573

 FFC1FF

 29005A

 FFDDFF

 100042

 FFFAFF

 00032B

 000115

 000000

 9556C4

 9556C4

8D42C4

9D6AC4

842FC4

A67DC4

7C1BC4

AE91C4

7408C4

B6A4C4

7000C4

BFB8C4

C7CCC4

D0DFC4

D8F3C4

E0FFC4

# Harmonies

## Analogous

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



0071E0



9556C4



C73893

# Triad

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



9556C4



A36500



008B8C

# Complementary

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



9556C4



85C456

# 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.



008A52



9556C4



727800

# Square

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



9556C4



C64A25



2C8414



008AC0

# Rectangle

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



9556C4



D32F6D



2C8414



008B79



# Sweetspot

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



9556C4



ECD4FF



5686C4



756680



000000



808080



# Same Dimension

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



9556C4



B654FF



C456BD



5D5761



5C00A1



130021



# Inverse Universe

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



C45685



FF549D



56C45D



61575B



A10045



21000E



# Previews

## White Background



This preview shows how the Hex color 9556C4 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

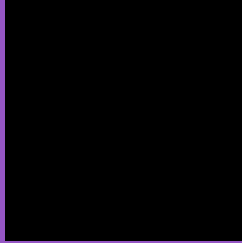
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9556C4 Background



This preview shows how black text looks on a background with the Hex color 9556C4.

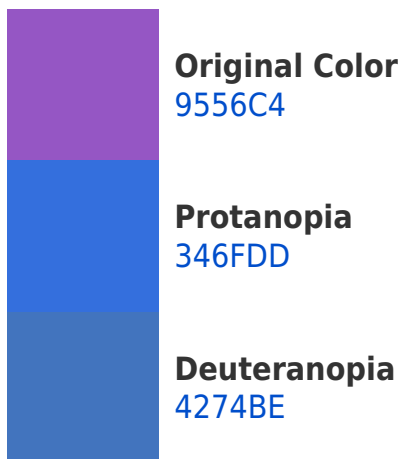


This preview shows how white text looks on a background with the Hex color 9556C4.

# 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](#).

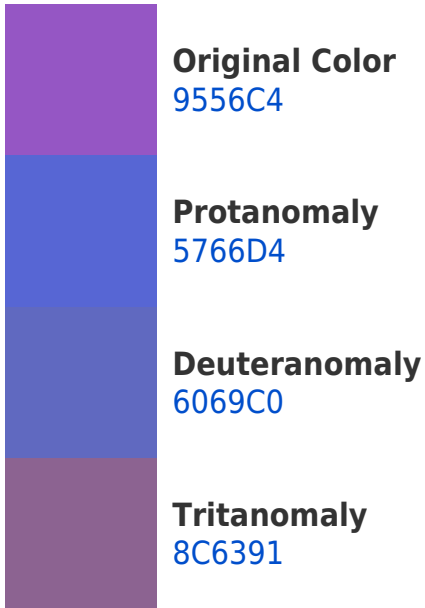
## Dichromacy





**Tritanopia**  
876B74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9556C4 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 #9556C4 looks like.

```
.text, #text, p{  
    color:#9556C4  
}
```

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 #9556C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9556C4
}
```

## Border

The CSS property to change the border of an element to Hex 9556C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

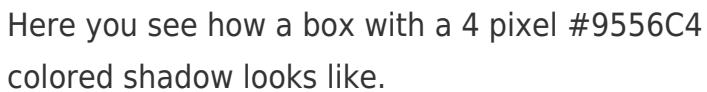
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9556C4 }
```

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

```
.border{ border-color:#9556C4 }
```

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



Here you see how a box with a 4 pixel #9556C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9556C4; -webkit-box-shadow:4px 4px  
4px 4px #9556C4; box-shadow:4px 4px 4px  
4px #9556C4 }
```

# Background

The CSS property to change the background color of an element to Hex 9556C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9556C4 }
```

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

```
.background{ background-color:#9556C4 }
```

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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