

Converting Colors

Hex(9556BF)

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

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Color

Hex(9556BF)

Conversions

Conversions Part 1

Format	Color
Hex	9556BF
RGB	149, 86, 191
RGB Percent	58%, 34%, 75%
CMY	0.4157, 0.6627, 0.2510
CMYK	0.22, 0.55, 0.00, 0.25
HSL	276°, 45%, 54%
HSV	276°, 55%, 75%
XYZ	25.1262, 16.8067, 51.2099
YIQ	116.8070, 3.8430, 46.0110

Conversions

Conversions Part 2

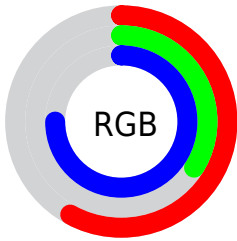
Format	Color
R_{YB}	149, 86, 191
Decimal	9787071
CIE _{Lab}	48.02, 44.97, -45.16
CIE _{LCh}	48, 63.733, 314.876
Yxy	16.8067, 0.2698, 0.1804
Android (android.graphics.Color)	4287977151 (0xFF9556BF)
YUV	116.8070, 36.5771, 28.2333
Hunter-Lab	40.9960, 37.6585, -45.3646

Details

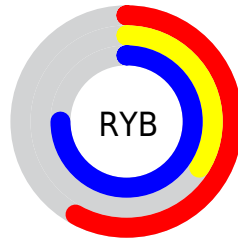
The Hex color **9556BF** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **80BF56**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **CD8AF8**, and **5F2489** is the 20% darker color. If you saturate the color by 10%, you get **8D43BF**, and if you desaturate by 10%, it is **9D69BF**.

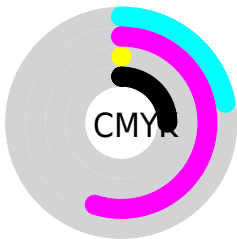
Distribution



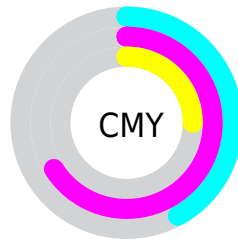
- Red (58%)
- Green (34%)
- Blue (75%)



- Red (58%)
- Yellow (34%)
- Blue (75%)



- Cyan (22%)
- Magenta (55%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (66%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 9556BF

 9556BF

FFFFFF

 7A3DA4

 CD8AF8

 5F2489

 EAA5FF

 44066F

 FFC1FF

 2A0056

 FFDDFF

 12003E

 FFFAFF

 000327

 000110

 000000

 9556BF

 9556BF

8D43BF

9D69BF

8630BF

A47CBF

7E1DBF

AC8FBF

760ABF

B4A2BF

7300BF

BBB6BF

C3C9BF

CADCBF

D2EFBF

DAFFBF

Harmonies

Analogous

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



1C6FDB



9556BF



C43B8F

Triad

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



9556BF



A06500



008A8C

Complementary

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



9556BF



80BF56

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.



008854



9556BF



717800

Square

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



9556BF



C24C27



2D831B



0088BD

Rectangle

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



9556BF



CF336C



2D831B



008A7A

Sweetspot

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



9556BF



E8D0F7



5680BF



73657D



FCFCFC



7D7D7D

Same Dimension

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



9556BF



B654F7



BF56B5



5B555E



5F009E



12001F

Inverse Universe

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



BF5680



F75495



56BF60



5E5559



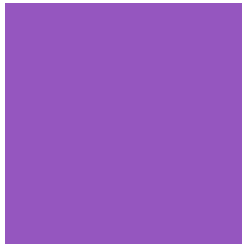
9E003F



1F000C

Previews

White Background



This preview shows how the Hex color 9556BF looks on a white background.

Color Contrast Check

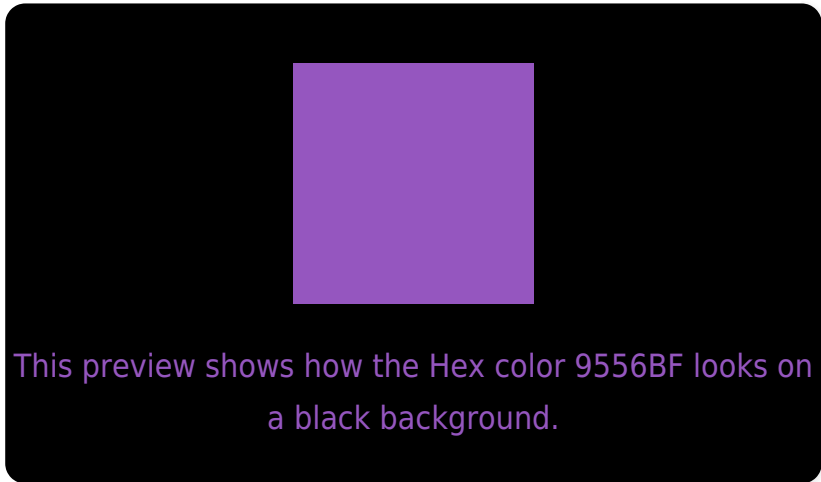
Large Text (above 18pt) WCAG AA ✓ Pass

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

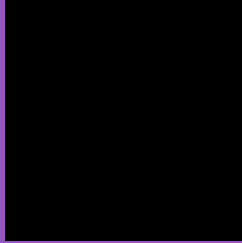
Any Text WCAG AA × Fail

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 9556BF Background



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

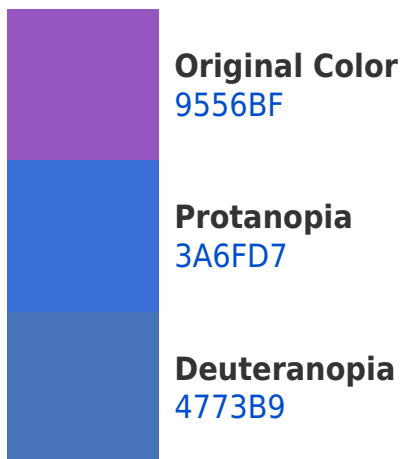



This preview shows how white text looks on a background with the Hex color 9556BF.

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](#).

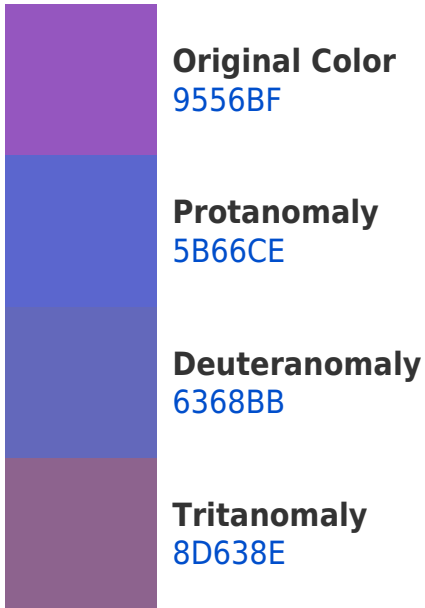
Dichromacy



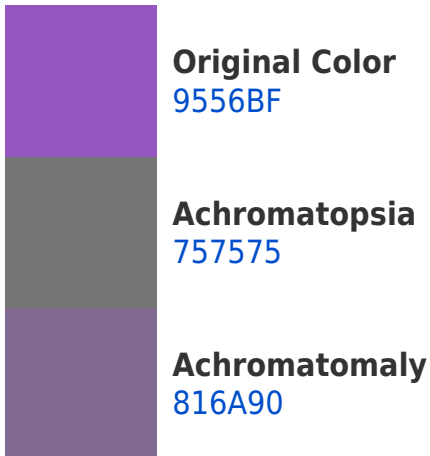


Tritanopia
886A72

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9556BF colored shadow looks like.

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

Border

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

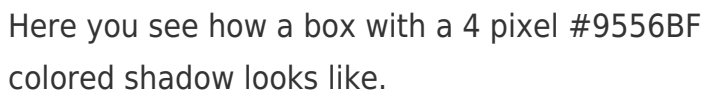
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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