

Converting Colors

Hex(9D56B8)

Have a look what the booklet for
Hex(9D56B8) contains.

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Color

Hex(9D56B8)

Conversions

Conversions Part 1

Format	Color
Hex	9D56B8
RGB	157, 86, 184
RGB Percent	62%, 34%, 72%
CMY	0.3843, 0.6627, 0.2784
CMYK	0.15, 0.53, 0.00, 0.28
HSL	283°, 41%, 53%
HSV	283°, 53%, 72%
XYZ	25.8841, 17.2844, 47.3194
YIQ	118.4010, 10.8580, 45.5300

Conversions

Conversions Part 2

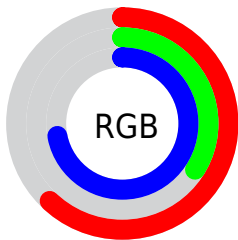
Format	Color
R_{YB}	157, 86, 184
Decimal	10311352
CIE _{Lab}	48.62, 45.57, -40.08
CIE _{LCh}	49, 60.693, 318.666
Yxy	17.2844, 0.2861, 0.1910
Android (android.graphics.Color)	4288501432 (0xFF9D56B8)
YUV	118.4010, 32.3403, 33.8513
Hunter-Lab	41.5745, 38.3783, -38.3808

Details

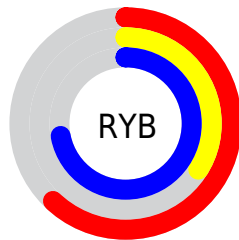
The Hex color **9D56B8** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **71B856**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D58AF0**, and **672382** is the 20% darker color. If you saturate the color by 10%, you get **9844B8**, and if you desaturate by 10%, it is **A268B8**.

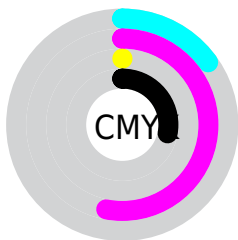
Distribution



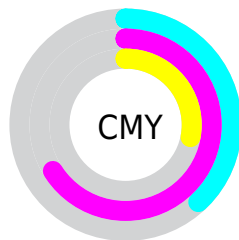
- Red (62%)
- Green (34%)
- Blue (72%)



- Red (62%)
- Yellow (34%)
- Blue (72%)



- Cyan (15%)
- Magenta (53%)
- Yellow (0%)
- Black (28%)



- Cyan (38%)
- Magenta (66%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D56B8 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 9D56B8 by changing the saturation by 10% instead.

9D56B8

9D56B8

FFFFFF

823D9D

D58AF0

672382

F3A5FF

4D0369

FFC1FF

330050

FFDEFF

1E0039

FFFBFF

000222

000008

000000

9D56B8

9D56B8

9844B8

A268B8

9331B8

A77BB8

8E1FB8

AC8DB8

890CB8

B1A0B8

8500B8

B6B2B8

BBC4B8

C0D7B8

C6E9B8

CBFCB8

Harmonies

Analogous

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



456ED6



9D56B8



C53F89

Triad

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



9D56B8



9B6A00



008B93

Complementary

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



9D56B8



71B856

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.



008A5E



9D56B8



6D7B00

Square

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



9D56B8



BD5326



288529



0088C0

Rectangle

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



9D56B8



CE3C67



288529



008B81

Sweetspot

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



9D56B8



E5C9F0



5672B8



726178



F7F7F7



787878

Same Dimension

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



9D56B8



C556F0



B856A3



59535C



71009C



14001C

Inverse Universe

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



B85671



F05681



56B86B



5C5355



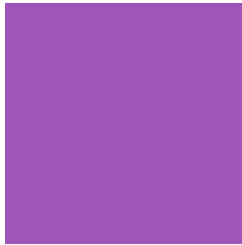
9C002B



1C0008

Previews

White Background



This preview shows how the Hex color 9D56B8 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

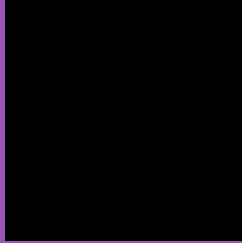
Any Text WCAG AA × Fail

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 9D56B8 Background



This preview shows how black text looks on a background with the Hex color 9D56B8.

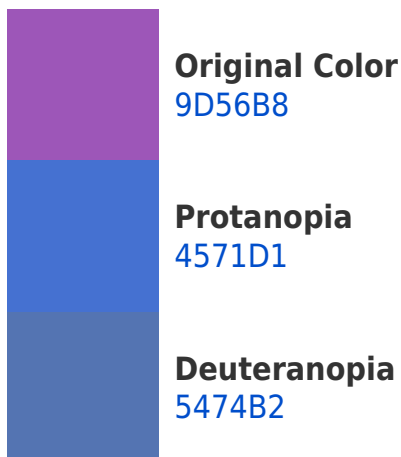


This preview shows how white text looks on a background with the Hex color 9D56B8.

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



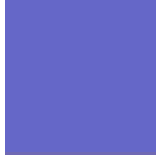


Tritanopia
926870

Trichromacy



Original Color
9D56B8



Protanomaly
6567C8



Deuteranomaly
6F69B4



Tritanomaly
96618A

Monochromacy



Original Color
9D56B8



Achromatopsia
767676



Achromatomaly
846A8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D56B8 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 #9D56B8 looks like.

```
.text, #text, p{  
    color:#9D56B8  
}
```

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 #9D56B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D56B8
}
```

Border

The CSS property to change the border of an element to Hex 9D56B8 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
#9D56B8 }
```

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

```
.border{ border-color:#9D56B8 }
```

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

Here you see how a box with a 4 pixel #9D56B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D56B8; -webkit-box-shadow:4px 4px  
4px 4px #9D56B8; box-shadow:4px 4px 4px  
4px #9D56B8 }
```

Background

The CSS property to change the background color of an element to Hex 9D56B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D56B8 }
```

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

```
.background{ background-color:#9D56B8 }
```

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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