

Converting Colors

Hex(9D56A4)

Have a look what the booklet for
Hex(9D56A4) contains.

Hex(9D56A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9D56A4)

Conversions

Conversions Part 1

Format	Color
Hex	9D56A4
RGB	157, 86, 164
RGB Percent	62%, 34%, 64%
CMY	0.3843, 0.6627, 0.3569
CMYK	0.04, 0.48, 0.00, 0.36
HSL	295°, 31%, 49%
HSV	295°, 48%, 64%
XYZ	23.9333, 16.5040, 37.0461
YIQ	116.1210, 17.2780, 39.3100

Conversions

Conversions Part 2

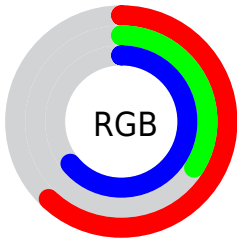
Format	Color
R_{YB}	157, 86, 164
Decimal	10311332
CIE _{Lab}	47.63, 41.47, -29.92
CIE _{LCh}	48, 51.139, 324.194
Yxy	16.5040, 0.3089, 0.2130
Android (android.graphics.Color)	4288501412 (0xFF9D56A4)
YUV	116.1210, 23.6043, 35.8509
Hunter-Lab	40.6251, 34.0647, -25.6291

Details

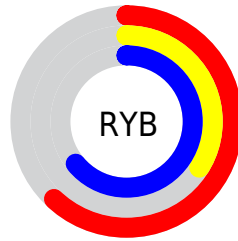
The Hex color **9D56A4** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5DA456**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **D58ADB**, and **682470** is the 20% darker color. If you saturate the color by 10%, you get **9C46A4**, and if you desaturate by 10%, it is **9E66A4**.

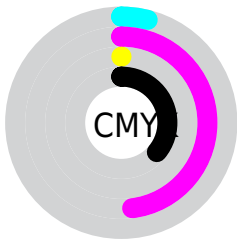
Distribution



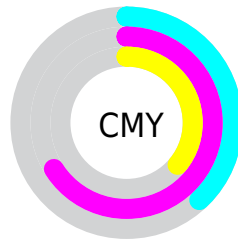
- Red (62%)
- Green (34%)
- Blue (64%)



- Red (62%)
- Yellow (34%)
- Blue (64%)



- Cyan (4%)
- Magenta (48%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D56A4 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 9D56A4 by changing the saturation by 10% instead.



9D56A4



9D56A4

FFFFFF



823D89



D58ADB



682470



F2A5F8



4E0657



FFC1FF



35003F



FFDDFF



200029



FFFAFF



000113



000000



9D56A4



9D56A4



9C46A4



9E66A4

9A35A4

A077A4

9925A4

A187A4

9714A4

A398A4

9604A4

A4A8A4

9500A4

A6B8A4

A7C9A4

A9D9A4

AAEAA4

Harmonies

Analogous

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



6269C0



9D56A4



BA487B

Triad

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



9D56A4



8E6C0F



008593

Complementary

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



9D56A4



5DA456

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.



008567



9D56A4



657918

Square

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



9D56A4



AD5B2B



2A813C



0082B6

Rectangle

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



9D56A4



BF485E



2A813C



008585

Sweetspot

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



9D56A4



D4B8D6



565EA4



69596B



EBEBEB



6B6B6B

Same Dimension

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



9D56A4



CB5CD6



A45685



514952



840091



100012

Inverse Universe

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



A4565D



D65C67



56A475



52494A



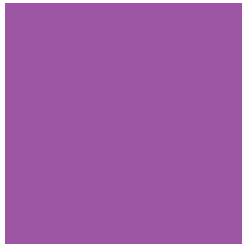
91000D



120002

Previews

White Background



This preview shows how the Hex color 9D56A4 looks on a white background.

Color Contrast Check

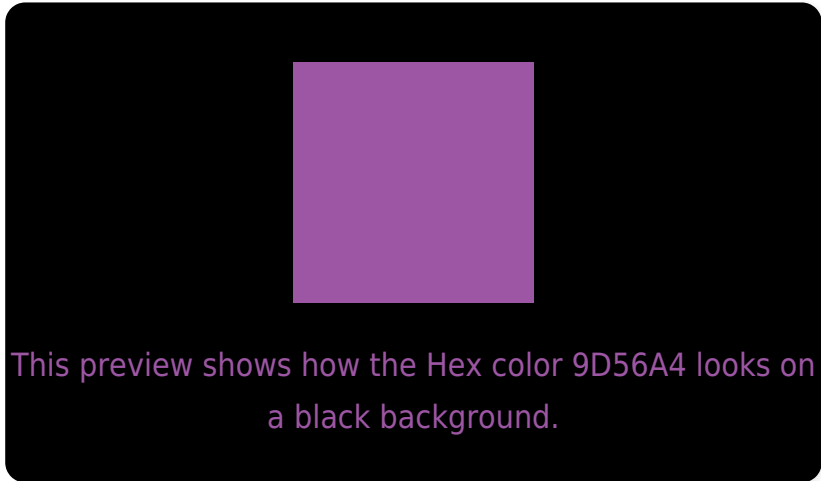
Large Text (above 18pt) WCAG AA ✓ Pass

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

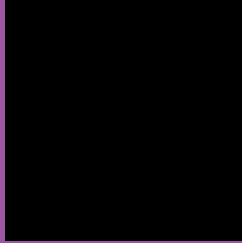
Any Text WCAG AA × Fail

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 9D56A4 Background



This preview shows how black text looks on a background with the Hex color 9D56A4.

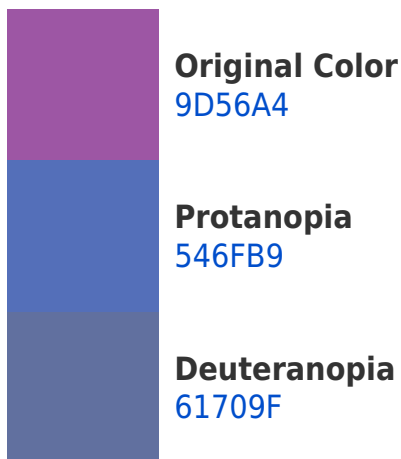



This preview shows how white text looks on a background with the Hex color 9D56A4.

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](#).

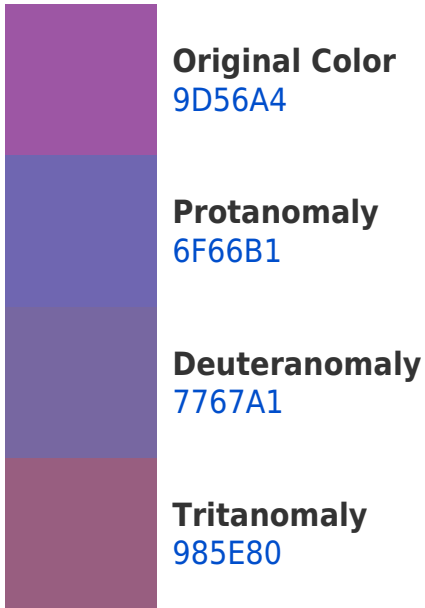
Dichromacy



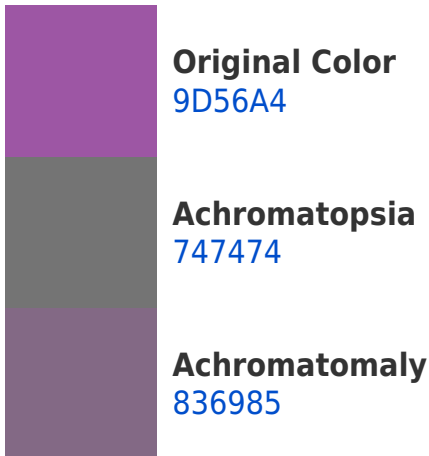


Tritanopia
95636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D56A4 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 #9D56A4 looks like.

```
.text, #text, p{  
    color:#9D56A4  
}
```

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 #9D56A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D56A4
}
```

Border

The CSS property to change the border of an element to Hex 9D56A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

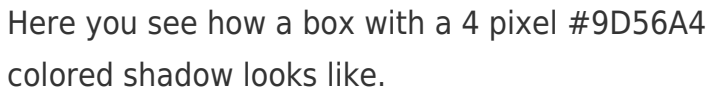
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D56A4 }
```

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

```
.border{ border-color:#9D56A4 }
```

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



Here you see how a box with a 4 pixel #9D56A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D56A4; -webkit-box-shadow:4px 4px  
4px 4px #9D56A4; box-shadow:4px 4px 4px  
4px #9D56A4 }
```

Background

The CSS property to change the background color of an element to Hex 9D56A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D56A4 }
```

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

```
.background{ background-color:#9D56A4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor