

# Converting Colors

Hex(95296A)

Have a look what the booklet for  
Hex(95296A) contains.

<b>Hex(95296A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(95296A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95296A
RGB	149, 41, 106
RGB Percent	58%, 16%, 42%
CMY	0.4157, 0.8392, 0.5843
CMYK	0.00, 0.72, 0.29, 0.42
HSL	324°, 57%, 37%
HSV	324°, 72%, 58%
XYZ	15.7889, 9.0160, 14.5438
YIQ	80.7020, 43.5030, 43.1110

# Conversions

## Conversions Part 2

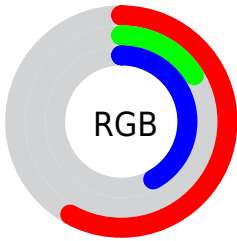
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 41, 106
Decimal	9775466
CIE <sub>Lab</sub>	36.02, 50.65, -12.55
CIE <sub>LCh</sub>	36, 52.187, 346.080
Yxy	9.0160, 0.4013, 0.2291
Android (android.graphics.Color)	4287965546 (0xFF95296A)
YUV	80.7020, 12.4719, 59.8973
Hunter-Lab	30.0267, 41.3134, -7.6990

# Details

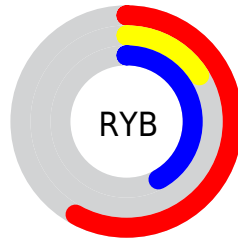
The Hex color **95296A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **299554**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **CE609D**, and **5E003B** is the 20% darker color. If you saturate the color by 10%, you get **951A64**, and if you desaturate by 10%, it is **953870**.

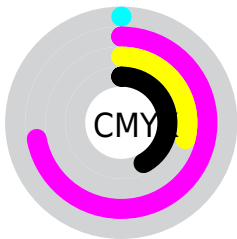
# Distribution



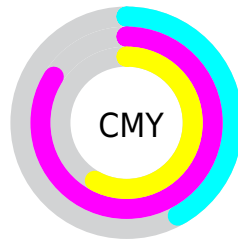
- Red (58%)
- Green (16%)
- Blue (42%)



- Red (58%)
- Yellow (16%)
- Blue (42%)



- Cyan (0%)
- Magenta (72%)
- Yellow (29%)
- Black (42%)



- Cyan (42%)
- Magenta (84%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95296A 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 95296A by changing the saturation by 10% instead.



 95296A

 95296A

FFFFFF

 790352

 CE609D

 5E003B

 EC7BB8

 440025

 FF96D4

 2B000F

 FFB2F0

 000000

 FFCEFF

 FFE8FF

 95296A

 95296A

 951A64

 953870

■ 950B5E

■ 954776

■ 95005A

■ 95567C

■ 956582

■ 957488

■ 95828E

■ 959194

■ 95A099

■ 95AF9F

# Harmonies

## Analogous

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



723E8F



95296A



9E2640

# Triad

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



95296A



525A00



006690

# Complementary

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



95296A



299554

# 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.



00676B



95296A



1B6213

# Square

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



95296A



774C00



00663F



005FA6

# Rectangle

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



95296A



983126



00663F



006785



# Sweetspot

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



95296A



C297B1



522995



614857



E0E0E0



616161



# Same Dimension

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



95296A



C2197F



952936



4A4347



8A0053



0A0006



# Inverse Universe

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



95296A



C2197F



299588



4A4347



8A0053

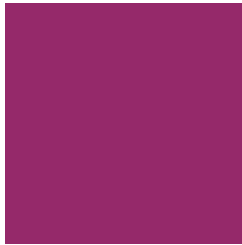


0A0006



# Previews

## White Background



This preview shows how the Hex color 95296A looks on a white background.

## Color Contrast Check

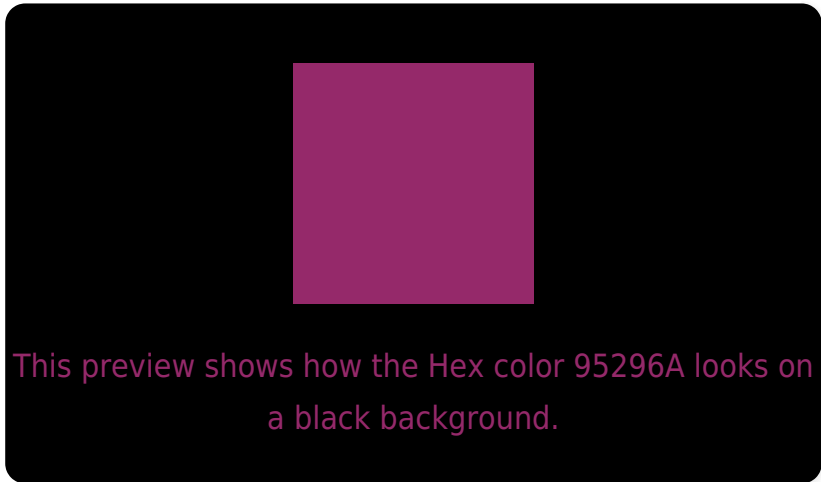
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

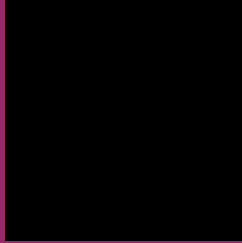
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 95296A Background



This preview shows how black text looks on a background with the Hex color 95296A.

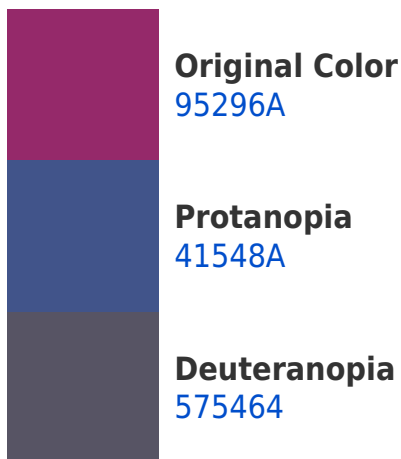



This preview shows how white text looks on a background with the Hex color 95296A.

# 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**  
91373A

# Trichromacy



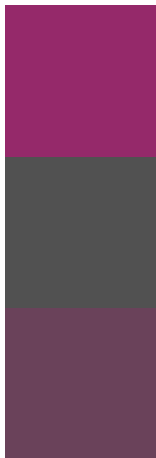
**Original Color**  
95296A

**Protanomaly**  
60447E

**Deuteranomaly**  
6E4466

**Tritanomaly**  
92324B

# Monochromacy



**Original Color**  
95296A

**Achromatopsia**  
515151

**Achromatomaly**  
6A425A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95296A 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 #95296A looks like.

```
.text, #text, p{  
    color:#95296A  
}
```

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 #95296A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95296A
}
```

## Border

The CSS property to change the border of an element to Hex 95296A is called "border". The border property can be set on classes, ids or directly on the HTML element.

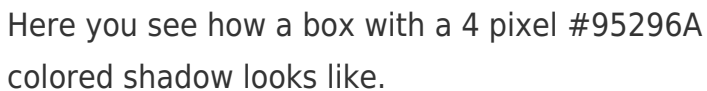
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#95296A }
```

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

```
.border{ border-color:#95296A }
```

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



Here you see how a box with a 4 pixel #95296A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95296A; -webkit-box-shadow:4px 4px  
4px 4px #95296A; box-shadow:4px 4px 4px  
4px #95296A }
```

# Background

The CSS property to change the background color of an element to Hex 95296A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95296A }
```

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

```
.background{ background-color:#95296A }
```

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