

# Converting Colors

Hex(96005A)

Have a look what the booklet for  
Hex(96005A) contains.

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# Color

**Hex(96005A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96005A
RGB	150, 0, 90
RGB Percent	59%, 0%, 35%
CMY	0.4118, 1.0000, 0.6471
CMYK	0.00, 1.00, 0.40, 0.41
HSL	324°, 100%, 29%
HSV	324°, 100%, 59%
XYZ	14.4231, 7.2222, 10.3067
YIQ	55.1100, 60.5100, 59.7900

# Conversions

## Conversions Part 2

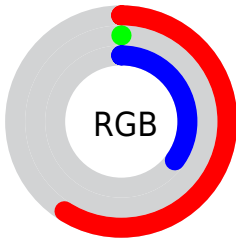
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 0, 90
Decimal	9830490
CIE Lab	32.31, 58.47, -7.86
CIE LCh	32, 58.996, 352.344
Yxy	7.2222, 0.4514, 0.2260
Android (android.graphics.Color)	4288020570 (0xFF96005A)
YUV	55.1100, 17.2008, 83.2185
Hunter-Lab	26.8742, 48.7696, -3.9268

# Details

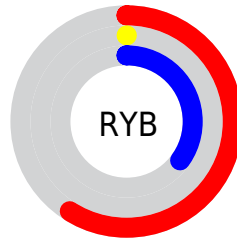
The Hex color **96005A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00963C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **D14B8C**, and **5D002C** is the 20% darker color. If you saturate the color by 10%, you get **96005A**, and if you desaturate by 10%, it is **960F60**.

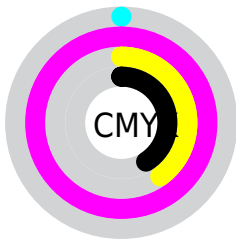
# Distribution



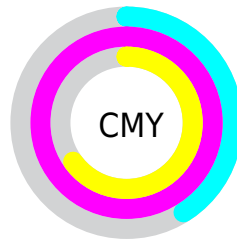
- Red (59%)
- Green (0%)
- Blue (35%)



- Red (59%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96005A 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 96005A by changing the saturation by 10% instead.



 96005A

 96005A

FFFFFF

 790043

 D14B8C

 5D002C

 EF67A6

 430018

 FF83C2

 270001

 FF9FDD

 000000

 FFBCFA

 FFD9FF

 FFF6FF

 96005A

 960F60

 961E66

 962D6C

 963C72

 964B78

 965A7E

 966984

 96788A

 968790

# Harmonies

## Analogous

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



762A86



96005A



9A0A2C

# Triad

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



96005A



3D5400



005D96

# Complementary

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



96005A



00963C

# 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.



005F6E



96005A



005B07

# Square

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



96005A



684600



005E3E



0056A9

# Rectangle

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



96005A



90250D



005E3E



005E8A



# Sweetspot

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



96005A



C288AB



3C0096



613E53



E0E0E0



616161



# Same Dimension

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



96005A



C20074



96000F



4A4347



8A0053



0A0006



# Inverse Universe

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



96005A



C20074



009687



4A4347



8A0053



0A0006



# Previews

## White Background



This preview shows how the Hex color 96005A looks on a white background.

## Color Contrast Check

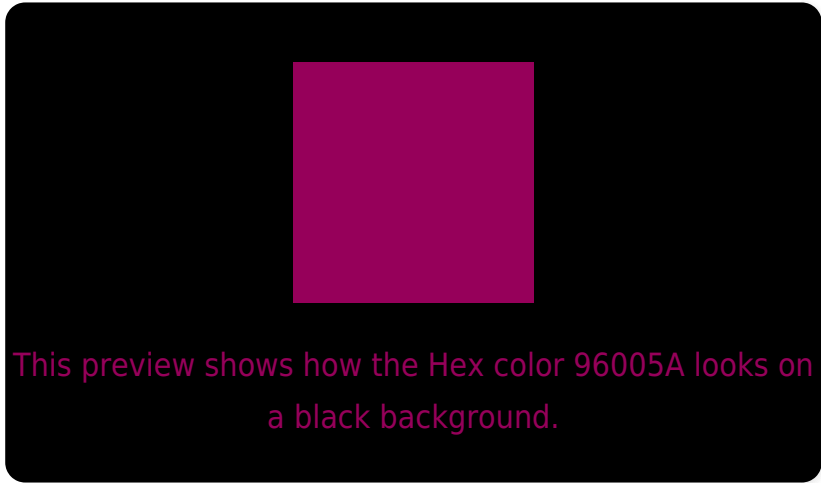
Large Text (above 18pt) WCAG AA ✓ Pass

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 96005A Background



This preview shows how black text looks on a background with the Hex color 96005A.




This preview shows how white text looks on a background with the Hex color 96005A.

# 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**  
932425

# Trichromacy



**Original Color**  
96005A

**Protanomaly**  
5C3273

**Deuteranomaly**  
6D3156

**Tritanomaly**  
941738

# Monochromacy



**Original Color**  
96005A

**Achromatopsia**  
373737

**Achromatomaly**  
5A2344

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96005A 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 #96005A looks like.

```
.text, #text, p{  
    color:#96005A  
}
```

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 #96005A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96005A
}
```

## Border

The CSS property to change the border of an element to Hex 96005A 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".

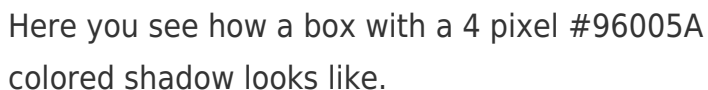
```
.border, #border, table{ border:4px solid
#96005A }
```

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

```
.border{ border-color:#96005A }
```

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

Here you see how a box with a 4 pixel #96005A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96005A; -webkit-box-shadow:4px 4px  
4px 4px #96005A; box-shadow:4px 4px 4px  
4px #96005A }
```

# Background

The CSS property to change the background color of an element to Hex 96005A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96005A }
```

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

```
.background{ background-color:#96005A }
```

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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