

# Converting Colors

Hex(D0095A)

Have a look what the booklet for  
Hex(D0095A) contains.

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# Color

**Hex(D0095A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0095A
RGB	208, 9, 90
RGB Percent	82%, 4%, 35%
CMY	0.1843, 0.9647, 0.6471
CMYK	0.00, 0.96, 0.57, 0.18
HSL	336°, 92%, 43%
HSV	336°, 96%, 82%
XYZ	27.9556, 14.3435, 10.9680
YIQ	77.7350, 92.6030, 67.3790

# Conversions

## Conversions Part 2

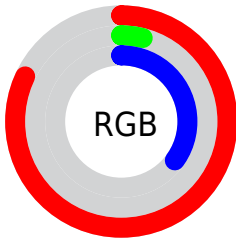
Format	Color
<a href="#">RYB</a>	208, 9, 90
Decimal	13633882
CIELab	44.72, 70.79, 11.63
CIELCh	45, 71.736, 9.334
Yxy	14.3435, 0.5248, 0.2693
Android (android.graphics.Color)	4291823962 (0xFFD0095A)
YUV	77.7350, 6.0466, 114.2424
Hunter-Lab	37.8728, 65.4815, 9.3405

# Details

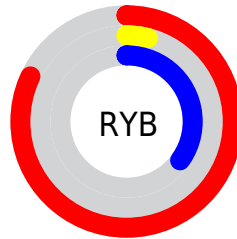
The Hex color **D0095A** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **09D07F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5A8C**, and **92002D** is the 20% darker color. If you saturate the color by 10%, you get **D00055**, and if you desaturate by 10%, it is **D01E66**.

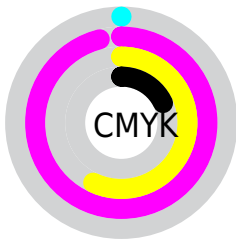
# Distribution



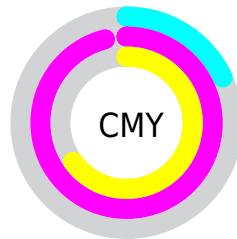
- Red (82%)
- Green (4%)
- Blue (35%)



- Red (82%)
- Yellow (4%)
- Blue (35%)



- Cyan (0%)
- Magenta (96%)
- Yellow (57%)
- Black (18%)



- Cyan (18%)
- Magenta (96%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0095A 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 D0095A by changing the saturation by 10% instead.



 D0095A

 D0095A

FFFFFF

 B10043

 FF5A8C

 92002D

 FF78A6

 740019

 FF96C1

 560002

 FFB3DD

 380002

 FFD1F9

 0D0000

 FFEFFF

 000000

 D0095A

 D0095A

 D00055

 D01E66

 D03373

 D0477F

 D05C8B

 D07198

 D086A4

 D09BB0

 D0AFBD

 D0C4C9

# Harmonies

## Analogous

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



BD2695



D0095A



C43520

# Triad

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



D0095A



277A00



007CDB

# Complementary

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



D0095A



09D07F

# 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.



0082B5



D0095A



00803C

# Square

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



D0095A



706D00



00837C



006CE2

# Rectangle

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



D0095A



AF4D00



00837C



007FD1



# Sweetspot

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



D0095A



FFB5D3



7D09D0



805365



000000



808080



# Same Dimension

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



D0095A



FF0068



D01A09



695E62



A80045



290011



# Inverse Universe

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



D0095A



FF0068



09BFD0



695E62



A80045



290011



# Previews

## White Background



This preview shows how the Hex color D0095A looks on a white background.

## Color Contrast Check

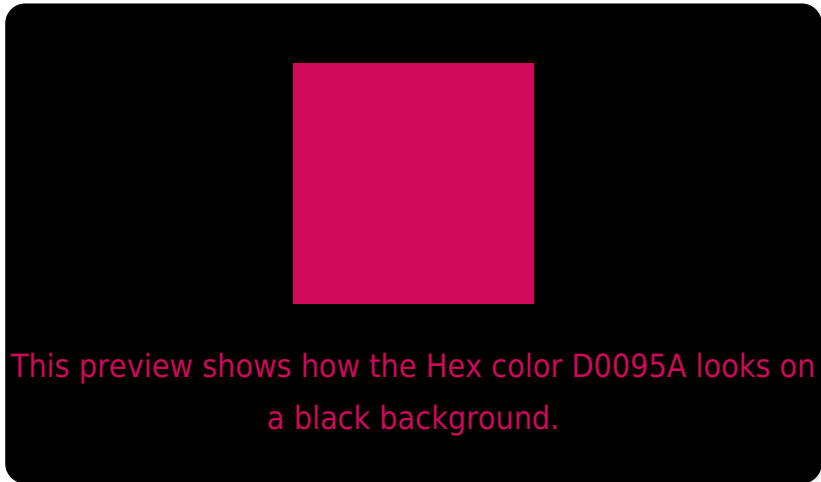
Large Text (above 18pt) WCAG AA ✓ Pass

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 D0095A Background



This preview shows how black text looks on a background with the Hex color D0095A.

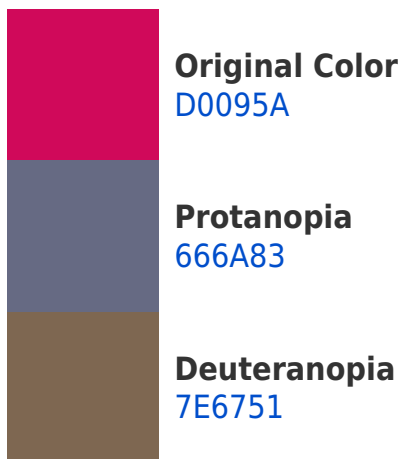


This preview shows how white text looks on a background with the Hex color D0095A.

# 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





# Trichromacy



**Original Color**  
D0095A



**Protanomaly**  
8D4774



**Deuteranomaly**  
9C4554

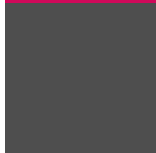


**Tritanomaly**  
CF1B38

# Monochromacy



**Original Color**  
D0095A



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
7D3552

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0095A 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 #D0095A looks like.

```
.text, #text, p{  
    color:#D0095A  
}
```

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 #D0095A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0095A
}
```

## Border

The CSS property to change the border of an element to Hex D0095A 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
#D0095A }
```

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

```
.border{ border-color:#D0095A }
```

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

Here you see how a box with a 4 pixel #D0095A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0095A; -webkit-box-shadow:4px 4px  
4px 4px #D0095A; box-shadow:4px 4px 4px  
4px #D0095A }
```

# Background

The CSS property to change the background color of an element to Hex D0095A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0095A }
```

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

```
.background{ background-color:#D0095A }
```

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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