

Converting Colors

Hex(00095D)

Have a look what the booklet for
Hex(00095D) contains.

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Color

Hex(00095D)

Conversions

Conversions Part 1

Format	Color
Hex	00095D
RGB	0, 9, 93
RGB Percent	0%, 4%, 36%
CMY	1.0000, 0.9647, 0.6353
CMYK	1.00, 0.90, 0.00, 0.64
HSL	234°, 100%, 18%
HSV	234°, 100%, 36%
XYZ	2.0735, 0.9857, 10.4369
YIQ	15.8850, -32.3280, 24.2160

Conversions

Conversions Part 2

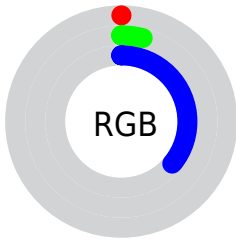
Format	Color
R_{YB}	0, 8, 93
Decimal	2397
CIE _{Lab}	8.87, 32.50, -48.65
CIE _{LCh}	9, 58.508, 303.748
Yxy	0.9857, 0.1536, 0.0730
Android (android.graphics.Color)	4278192477 (0xFF00095D)
YUV	15.8850, 38.0177, -13.9311
Hunter-Lab	9.9282, 19.9049, -55.3783

Details

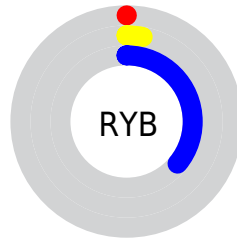
The Hex color **00095D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5D5400**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **453490**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **00095D**, and if you desaturate by 10%, it is **09115D**.

Distribution



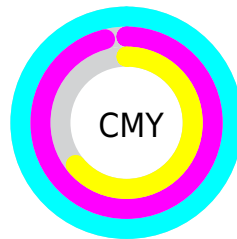
- Red (0%)
- Green (4%)
- Blue (36%)



- Red (0%)
- Yellow (3%)
- Blue (36%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00095D 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 00095D by changing the saturation by 10% instead.

00095D

00095D

FFEAFF

000045

453490

00032D

604CAB

000118

7C64C7

000000

977DE3

B397FF

D0B2FF

EDCEFF

00095D

■ 09115D

■ 131A5D

■ 1C225D

■ 252B5D

■ 2F335D

■ 383B5D

■ 41445D

■ 4A4C5D

■ 54555D

Harmonies

Analogous

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



00206B



00095D



47003D

Triad

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



00095D



3A0400



00261E

Complementary

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



00095D



5D5400

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.



002500



00095D



1D1A00

Square

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



00095D



4F0000



002300



002845

Rectangle

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



00095D



540023



002300



00250F

Sweetspot

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



00095D



545778



005D54



27293D



BDBDBD



3D3D3D

Same Dimension

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



00095D



000C78



25005D



292A2E



000B6E



0017ED

Inverse Universe

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



5D0009



78000C



385D00



2E292A



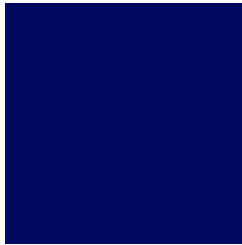
6E000B



ED0017

Previews

White Background



This preview shows how the Hex color 00095D looks on a white background.

Color Contrast Check

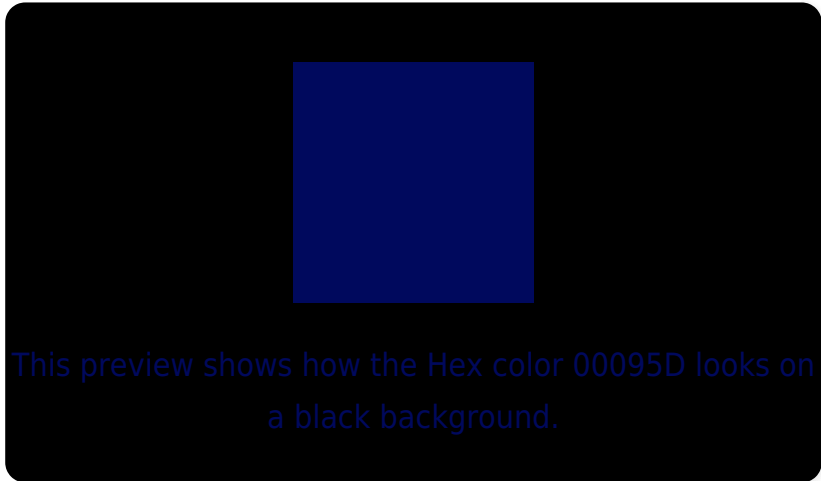
Large Text (above 18pt) WCAG AA ✓ Pass

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

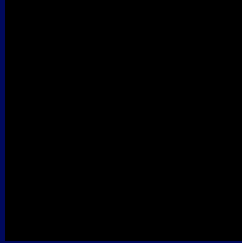
Any Text WCAG AA × Fail

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 00095D Background



This preview shows how black text looks on a background with the Hex color 00095D.



This preview shows how white text looks on a background with the Hex color 00095D.

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



Original Color
00095D

Protanopia
001C3A

Deuteranopia
001E31

Trichromacy



Original Color
00095D

Protanomaly
001547

Deuteranomaly
001641

Tritanomaly
001837

Monochromacy



Original Color
00095D

Achromatopsia
101010

Achromatomaly
0A0D2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00095D 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 #00095D looks like.

```
.text, #text, p{  
    color:#00095D  
}
```

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 #00095D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00095D
}
```

Border

The CSS property to change the border of an element to Hex 00095D 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
#00095D }
```

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

```
.border{ border-color:#00095D }
```

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

Here you see how a box with a 4 pixel #00095D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00095D; -webkit-box-shadow:4px 4px  
4px 4px #00095D; box-shadow:4px 4px 4px  
4px #00095D }
```

Background

The CSS property to change the background color of an element to Hex 00095D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00095D }
```

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

```
.background{ background-color:#00095D }
```

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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