

Converting Colors

Hex(03095D)

Have a look what the booklet for
Hex(03095D) contains.

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Color

Hex(03095D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 03095D |
| RGB | 3, 9, 93 |
| RGB Percent | 1%, 4%, 36% |
| CMY | 0.9882, 0.9647, 0.6353 |
| CMYK | 0.97, 0.90, 0.00, 0.64 |
| HSL | 236°, 94%, 19% |
| HSV | 236°, 97%, 36% |
| XYZ | 2.1110, 1.0050, 10.4387 |
| YIQ | 16.7820, -30.5400, 24.8520 |

Conversions

Conversions Part 2

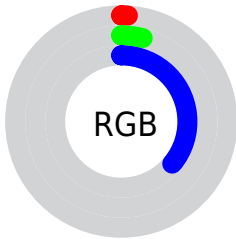
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 3, 9, 93 |
| Decimal | 199005 |
| CIE Lab | 9.03, 32.64, -48.37 |
| CIE LCh | 9, 58.359, 304.012 |
| Yxy | 1.0050, 0.1557, 0.0741 |
| Android (android.graphics.Color) | 4278389085 (0xFF03095D) |
| YUV | 16.7820, 37.5755, -12.0868 |
| Hunter-Lab | 10.0252, 20.0429, -54.7176 |

Details

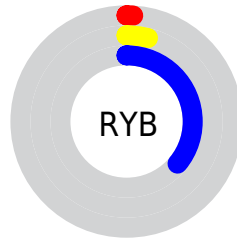
The Hex color **03095D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5D5703**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **463590**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **00065D**, and if you desaturate by 10%, it is **0C125D**.

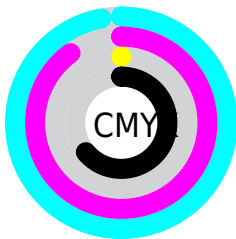
Distribution



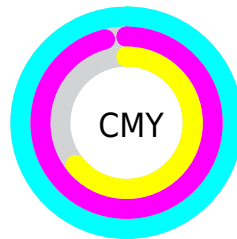
- Red (1%)
- Green (4%)
- Blue (36%)



- Red (1%)
- Yellow (4%)
- Blue (36%)



- Cyan (97%)
- Magenta (90%)
- Yellow (0%)
- Black (64%)



- Cyan (99%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03095D 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 03095D by changing the saturation by 10% instead.

03095D

03095D

FFEAFF

000045

463590

00032D

614CAB

000118

7D64C7

000000

987DE3

B498FF

D1B3FF

EECEFF

03095D

03095D

■ 00065D

■ 0C125D

■ 161A5D

■ 1F235D

■ 282C5D

■ 32345D

■ 3B3D5D

■ 44465D

■ 4D4E5D

■ 57575D

Harmonies

Analogous

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



00206B



03095D



48003D

Triad

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



03095D



3B0400



00261E

Complementary

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



03095D



5D5703

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



03095D



1D1A00

Square

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



03095D



4F0000



002400



002846

Rectangle

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



03095D



540023



002400



00260F

Sweetspot

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



03095D



555778



035D57



28293D



BDBDBD



3D3D3D

Same Dimension

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



03095D



000878



2A035D



292A2E



00076E



0010ED

Inverse Universe

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



5D0309



780008



365D03



2E292A



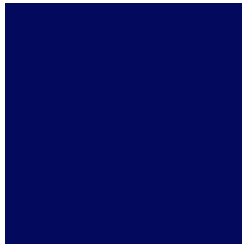
6E0007



ED0010

Previews

White Background



This preview shows how the Hex color 03095D looks on a white background.

Color Contrast Check

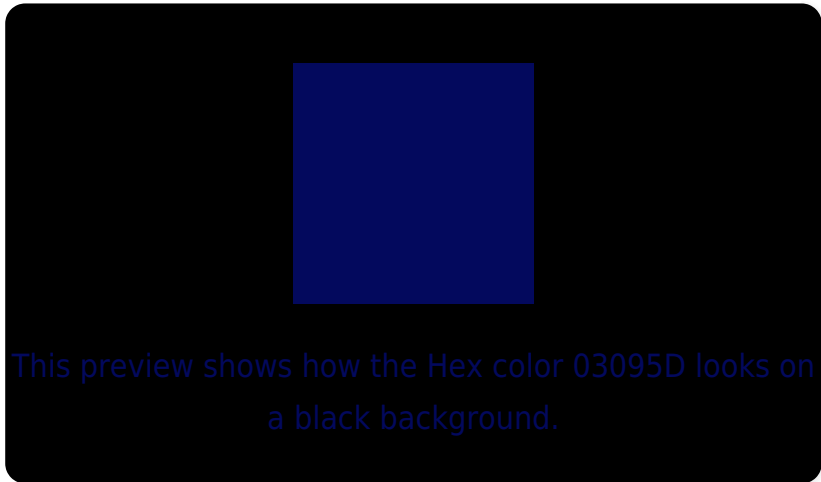
Large Text (above 18pt) WCAG AA ✓ Pass

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

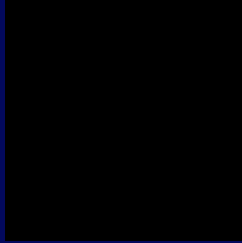
Any Text WCAG AA × Fail

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 03095D Background



This preview shows how black text looks on a background with the Hex color 03095D.



This preview shows how white text looks on a background with the Hex color 03095D.

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
03095D

Protanopia
001C3A

Deuteranopia
001E32

Trichromacy



Original Color
03095D

Protanomaly
011547

Deuteranomaly
011642

Tritanomaly
011837

Monochromacy



Original Color
03095D

Achromatopsia
111111

Achromatomaly
0C0E2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 03095D 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 #03095D looks like.

```
.text, #text, p{  
    color:#03095D  
}
```

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 #03095D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03095D
}
```

Border

The CSS property to change the border of an element to Hex 03095D 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
#03095D }
```

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

```
.border{ border-color:#03095D }
```

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

Here you see how a box with a 4 pixel #03095D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03095D; -webkit-box-shadow:4px 4px  
4px 4px #03095D; box-shadow:4px 4px 4px  
4px #03095D }
```

Background

The CSS property to change the background color of an element to Hex 03095D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03095D }
```

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

```
.background{ background-color:#03095D }
```

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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