

# Converting Colors

Hex(00005E)

Have a look what the booklet for  
Hex(00005E) contains.

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# Color

**Hex(00005E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00005E
RGB	0, 0, 94
RGB Percent	0%, 0%, 37%
CMY	1.0000, 1.0000, 0.6314
CMYK	1.00, 1.00, 0.00, 0.63
HSL	240°, 100%, 18%
HSV	240°, 100%, 37%
XYZ	2.0204, 0.8082, 10.6392
YIQ	10.7160, -30.1740, 29.2340

# Conversions

## Conversions Part 2

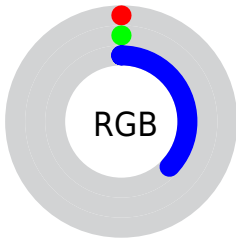
Format	Color
R <sub>Y</sub> B	0, 0, 94
Decimal	94
CIE Lab	7.30, 38.07, -51.95
CIE LCh	7, 64.406, 306.240
Yxy	0.8082, 0.1500, 0.0600
Android (android.graphics.Color)	4278190174 (0xFF00005E)
YUV	10.7160, 41.0590, -9.3979
Hunter-Lab	8.9897, 24.3846, -63.8758

# Details

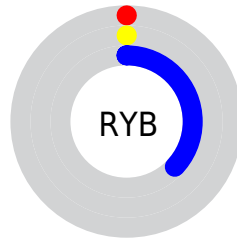
The Hex color **00005E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5E5E00**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **462C92**, and **00042E** is the 20% darker color. If you saturate the color by 10%, you get **00005E**, and if you desaturate by 10%, it is **09095E**.

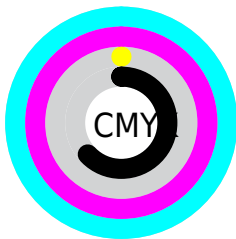
# Distribution



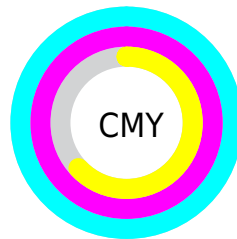
- Red (0%)
- Green (0%)
- Blue (37%)



- Red (0%)
- Yellow (0%)
- Blue (37%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (100%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00005E 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 00005E by changing the saturation by 10% instead.



 00005E

 00005E

 FFE2FF

 000046

 462C92

 00042E


 6244AD

 000119

 7E5CC9

 000000

 9975E5

 B68FFF

 D3AAFF

 F0C6FF

 00005E

■ 09095E

■ 13135E

■ 1C1C5E

■ 26265E

■ 2F2F5E

■ 38385E

■ 42425E

■ 4B4B5E

■ 55555E

# Harmonies

## Analogous

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



001D70



00005E



4A003A

# Triad

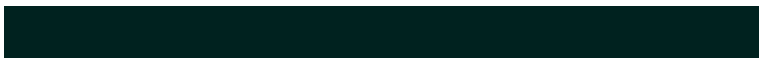
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00005E



360100



00221F

# Complementary

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



00005E



5E5E00

# 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.



002100



00005E



141800

# Square

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



00005E



4D0000



002100



002449

# Rectangle

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



00005E



55001E



002100



00210E



# Sweetspot

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



00005E



56567A



005E5E



27273D



BDBDBD



3D3D3D



# Same Dimension

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



00005E



00007A



2F005E



29292E



00006E



0000ED



# Inverse Universe

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



5E005E



7A007A



2F5E00



2E292E



6E006E

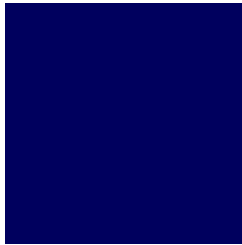


ED00ED



# Previews

## White Background



This preview shows how the Hex color 00005E looks on a white background.

## Color Contrast Check

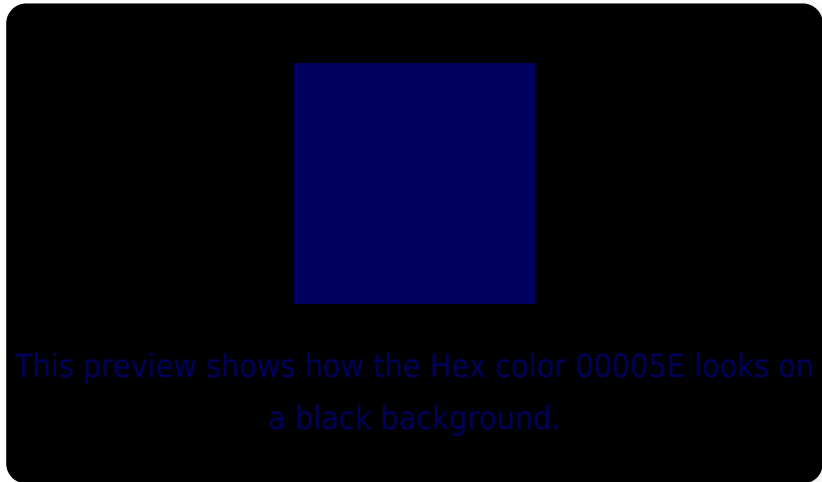
Large Text (above 18pt) WCAG AA ✓ Pass

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

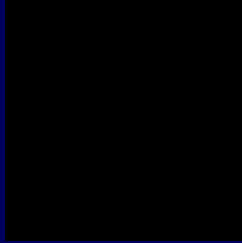
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00005E Background



This preview shows how black text looks on a background with the Hex color 00005E.



This preview shows how white text looks on a background with the Hex color 00005E.

# 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**  
00005E

**Protanopia**  
001B3A

**Deuteranopia**  
001D31



# Trichromacy



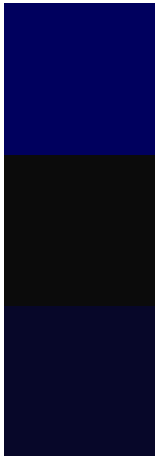
**Original Color**  
00005E

**Protanomaly**  
001147

**Deuteranomaly**  
001241

**Tritanomaly**  
001437

# Monochromacy



**Original Color**  
00005E

**Achromatopsia**  
0B0B0B

**Achromatomaly**  
070729

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00005E 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 #00005E looks like.

```
.text, #text, p{  
    color:#00005E  
}
```

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 #00005E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00005E
}
```

## Border

The CSS property to change the border of an element to Hex 00005E 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
#00005E }
```

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

```
.border{ border-color:#00005E }
```

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

Here you see how a box with a 4 pixel #00005E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00005E; -webkit-box-shadow:4px 4px  
4px 4px #00005E; box-shadow:4px 4px 4px  
4px #00005E }
```

# Background

The CSS property to change the background color of an element to Hex 00005E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00005E }
```

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

```
.background{ background-color:#00005E }
```

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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