

Converting Colors

Hex(00005A)

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

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Color

Hex(00005A)

Conversions

Conversions Part 1

Format	Color
Hex	00005A
RGB	0, 0, 90
RGB Percent	0%, 0%, 35%
CMY	1.0000, 1.0000, 0.6471
CMYK	1.00, 1.00, 0.00, 0.65
HSL	240°, 100%, 18%
HSV	240°, 100%, 35%
XYZ	1.8455, 0.7382, 9.7181
YIQ	10.2600, -28.8900, 27.9900

Conversions

Conversions Part 2

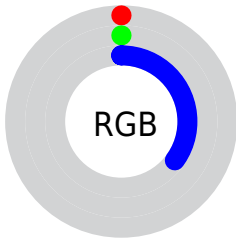
Format	Color
R_{YB}	0, 0, 90
Decimal	90
CIE Lab	6.67, 36.68, -50.30
CIE LCh	7, 62.251, 306.103
Yxy	0.7382, 0.1500, 0.0600
Android (android.graphics.Color)	4278190170 (0xFF00005A)
YUV	10.2600, 39.3118, -8.9980
Hunter-Lab	8.5918, 23.3052, -61.0482

Details

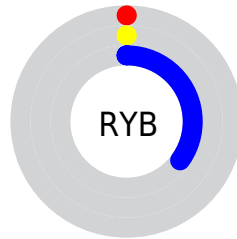
The Hex color **00005A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5A5A00**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **452C8D**, and **00032B** is the 20% darker color. If you saturate the color by 10%, you get **00005A**, and if you desaturate by 10%, it is **09095A**.

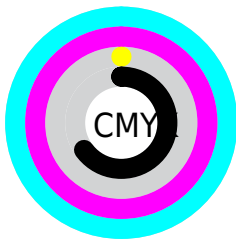
Distribution



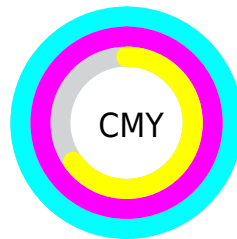
- Red (0%)
- Green (0%)
- Blue (35%)



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



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



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

Brightness & Saturation Gradients

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

00005A

00005A

FFE1FF

000042

452C8D

00032B

6043A8

000115

7B5BC4

000000

9774E0

B38EFD

D0A9FF

EDC5FF

00005A

■ 09095A

■ 12125A

■ 1B1B5A

■ 24245A

■ 2D2D5A

■ 36365A

■ 3F3F5A

■ 48485A

■ 51515A

Harmonies

Analogous

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



001C6B



00005A



460037

Triad

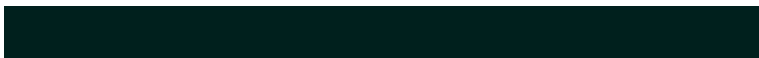
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00005A



340100



00201D

Complementary

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



00005A



5A5A00

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.



001F00



00005A



121700

Square

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



00005A



4A0000



001F00



002246

Rectangle

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



00005A



52001C



001F00



001F0D

Sweetspot

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



00005A



525275



005A5A



26263B



BABABA



3B3B3B

Same Dimension

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



00005A



000075



2D005A



29292E



00006E



0000ED

Inverse Universe

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



5A005A



750075



2D5A00



2E292E



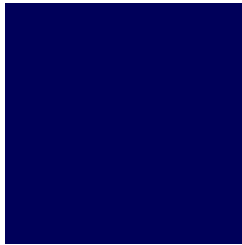
6E006E



ED00ED

Previews

White Background



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

Color Contrast Check

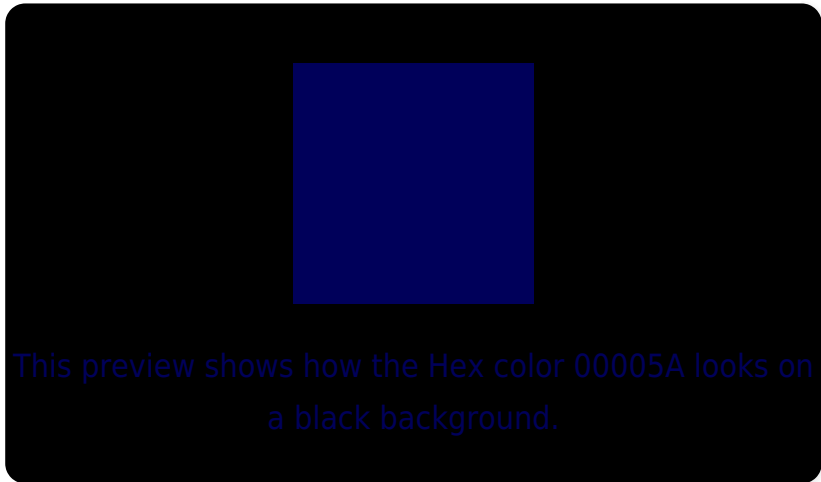
Large Text (above 18pt) WCAG AA ✓ Pass

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

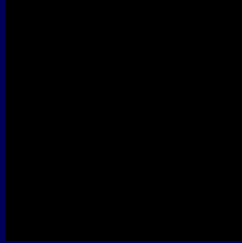
Any Text WCAG AA × Fail

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 00005A Background



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



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

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
00005A

Protanopia
001A37

Deuteranopia
001C2F



Tritanopia
001E20

Trichromacy



Original Color
00005A

Protanomaly
001144

Deuteranomaly
00123F

Tritanomaly
001335

Monochromacy



Original Color
00005A

Achromatopsia
0A0A0A

Achromatomaly
060627

CSS Examples

Text

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

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

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 #00005A colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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