

Converting Colors

Hex(00185F)

Have a look what the booklet for
Hex(00185F) contains.

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Color

Hex(00185F)

Conversions

Conversions Part 1

Format	Color
Hex	00185F
RGB	0, 24, 95
RGB Percent	0%, 9%, 37%
CMY	1.0000, 0.9059, 0.6275
CMYK	1.00, 0.75, 0.00, 0.63
HSL	225°, 100%, 19%
HSV	225°, 100%, 37%
XYZ	2.3922, 1.4795, 10.9860
YIQ	24.9180, -37.0950, 16.9930

Conversions

Conversions Part 2

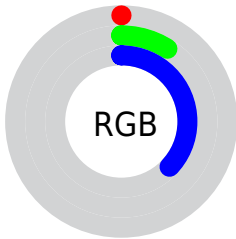
Format	Color
RYB	0, 19, 95
Decimal	6239
CIELab	12.48, 23.78, -44.01
CIELCh	12, 50.025, 298.386
Yxy	1.4795, 0.1610, 0.0996
Android (android.graphics.Color)	4278196319 (0xFF00185F)
YUV	24.9180, 34.5504, -21.8531
Hunter-Lab	12.1634, 13.8197, -45.0361

Details

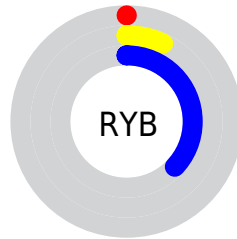
The Hex color **00185F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5F4700**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **444392**, and **00042F** is the 20% darker color. If you saturate the color by 10%, you get **00185F**, and if you desaturate by 10%, it is **091F5F**.

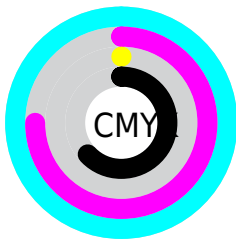
Distribution



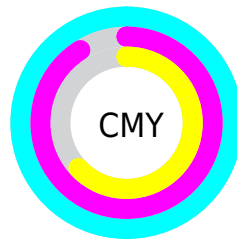
- Red (0%)
- Green (9%)
- Blue (37%)



- Red (0%)
- Yellow (7%)
- Blue (37%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (91%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00185F 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 00185F by changing the saturation by 10% instead.

00185F

00185F

FFFAFF

000047

444392

00042F

5F5AAD

00011A

7A73C9

000000

958CE5

B1A7FF

CEC2FF

EBDEFF

00185F

■ 091F5F

■ 13265F

■ 1D2D5F

■ 26345F

■ 303C5F

■ 39435F

■ 434A5F

■ 4C515F

■ 56585F

Harmonies

Analogous

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



002768



00185F



450045

Triad

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



00185F



450B00



002E1E

Complementary

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



00185F



5F4700

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.



002C00



00185F



2B1F00

Square

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



00185F



550000



032700



002E41

Rectangle

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



00185F



54002F



032700



002E11

Sweetspot

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



00185F



565F7A



005F46



272D3D



BDBDBD



3D3D3D

Same Dimension

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



00185F



001F7A



16005F



2C2D30



001C70



003DF0

Inverse Universe

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



5F0018



7A001F



495F00



302C2D



70001C



F0003D

Previews

White Background



This preview shows how the Hex color 00185F looks on a white background.

Color Contrast Check

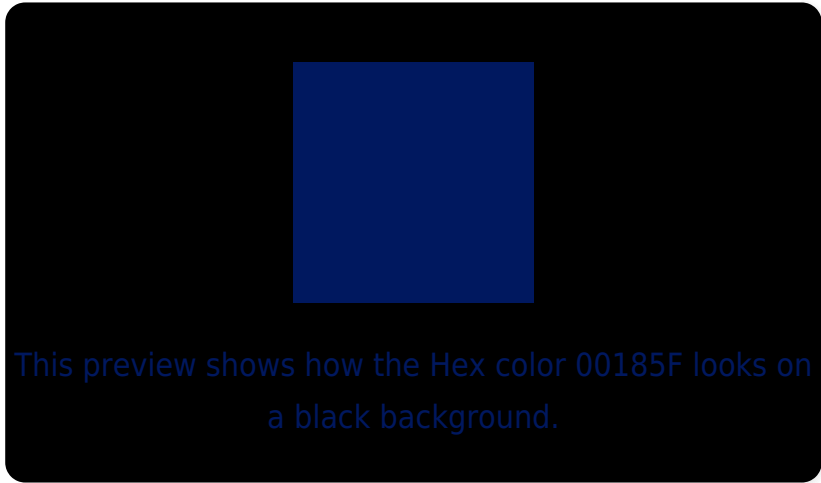
Large Text (above 18pt) WCAG AA ✓ Pass

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

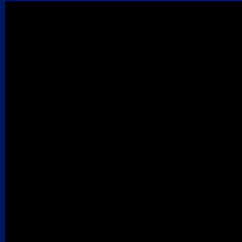
Any Text WCAG AA × Fail

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 00185F Background



This preview shows how black text looks on a background with the Hex color 00185F.



This preview shows how white text looks on a background with the Hex color 00185F.

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
00185F

Protanopia
002146

Deuteranopia
00233B

Trichromacy



Original Color
00185F

Protanomaly
001E4F

Deuteranomaly
001F48

Tritanomaly
00213C

Monochromacy



Original Color
00185F

Achromatopsia
191919

Achromatomaly
101932

CSS Examples

Text

The CSS property to change the color of the text to Hex 00185F 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 #00185F looks like.

```
.text, #text, p{  
    color:#00185F  
}
```

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 #00185F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00185F
}
```

Border

The CSS property to change the border of an element to Hex 00185F is called "border". The border property can be set on classes, ids or directly on the HTML element.

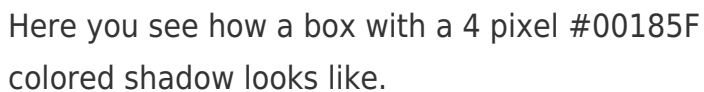
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00185F }
```

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

```
.border{ border-color:#00185F }
```

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



Here you see how a box with a 4 pixel #00185F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00185F; -webkit-box-shadow:4px 4px  
4px 4px #00185F; box-shadow:4px 4px 4px  
4px #00185F }
```

Background

The CSS property to change the background color of an element to Hex 00185F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00185F }
```

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

```
.background{ background-color:#00185F }
```

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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