

Converting Colors

Hex(00245C)

Have a look what the booklet for
Hex(00245C) contains.

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Color

Hex(00245C)

Conversions

Conversions Part 1

Format	Color
Hex	00245C
RGB	0, 36, 92
RGB Percent	0%, 14%, 36%
CMY	1.0000, 0.8588, 0.6392
CMYK	1.00, 0.61, 0.00, 0.64
HSL	217°, 100%, 18%
HSV	217°, 100%, 36%
XYZ	2.5626, 2.0345, 10.3828
YIQ	31.6200, -39.4320, 9.7840

Conversions

Conversions Part 2

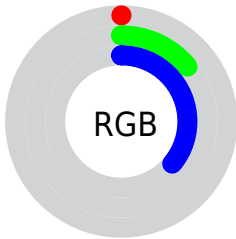
Format	Color
RYB	0, 26, 92
Decimal	9308
CIELab	15.67, 13.43, -36.77
CIELCh	16, 39.151, 290.067
Yxy	2.0345, 0.1711, 0.1358
Android (android.graphics.Color)	4278199388 (0xFF00245C)
YUV	31.6200, 29.7673, -27.7307
Hunter-Lab	14.2634, 7.1092, -33.1748

Details

The Hex color **00245C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C3800**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **41508F**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **00245C**, and if you desaturate by 10%, it is **092A5C**.

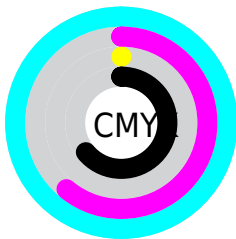
Distribution



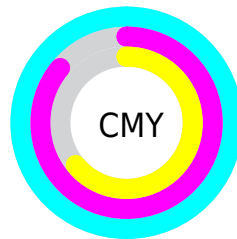
- Red (0%)
- Green (14%)
- Blue (36%)



- Red (0%)
- Yellow (10%)
- Blue (36%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (86%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00245C 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 00245C by changing the saturation by 10% instead.

■ 00245C

■ 00245C

FFFFFF

■ 001044

■ 41508F

■ 00032D

■ 5C68AA

■ 000118

■ 7781C5

■ 000000

■ 929BE1

■ ADB6FE

■ CAD1FF

■ E6EDFF

■ 00245C

■ 092A5C

■ 122F5C

■ 1C355C

■ 253A5C

■ 2E405C

■ 37465C

■ 404B5C

■ 4A515C

■ 53565C

Harmonies

Analogous

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



002D5E



00245C



3E144B

Triad

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



00245C



4C1400



00321D

Complementary

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



00245C



5C3800

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.



003000



00245C



392300

Square

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



00245C



560116



202B00



003339

Rectangle

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



00245C



4E053B



202B00



003113

Sweetspot

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



00245C



546278



005C37



27303D



BDBDBD



3D3D3D

Same Dimension

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



00245C



002F78



09005C



292B2E



002B6E



005DED

Inverse Universe

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



5C0024



78002F



535C00



2E292B



6E002B



ED005D

Previews

White Background



This preview shows how the Hex color 00245C looks on a white background.

Color Contrast Check

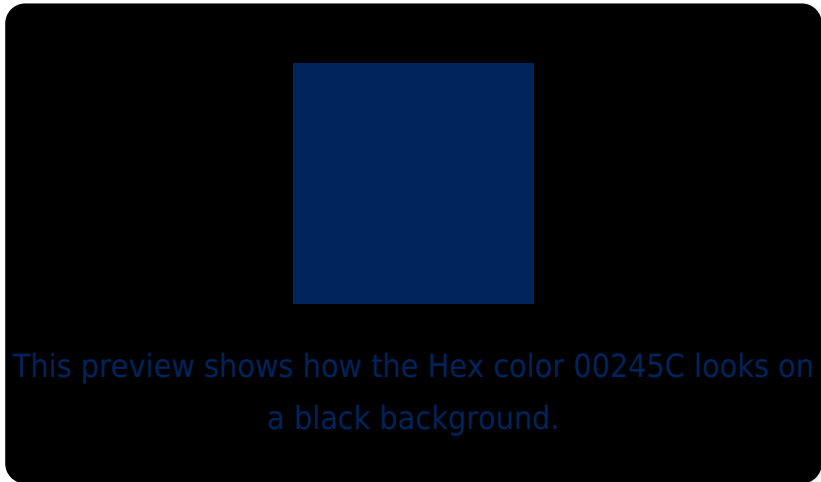
Large Text (above 18pt) WCAG AA ✓ Pass

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

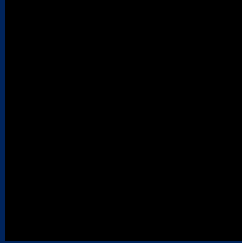
Any Text WCAG AA × Fail

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 00245C Background



This preview shows how black text looks on a background with the Hex color 00245C.



This preview shows how white text looks on a background with the Hex color 00245C.

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
00245C

Protanopia
002752

Deuteranopia
002946



Tritanopia
002D2F

Trichromacy



Original Color
00245C

Protanomaly
002656

Deuteranomaly
00274E

Tritanomaly
002A3F

Monochromacy



Original Color
00245C

Achromatopsia
202020

Achromatomaly
142136

CSS Examples

Text

The CSS property to change the color of the text to Hex 00245C 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 #00245C looks like.

```
.text, #text, p{  
    color:#00245C  
}
```

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 #00245C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00245C
}
```

Border

The CSS property to change the border of an element to Hex 00245C 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
#00245C }
```

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

```
.border{ border-color:#00245C }
```

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

Here you see how a box with a 4 pixel #00245C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00245C; -webkit-box-shadow:4px 4px  
4px 4px #00245C; box-shadow:4px 4px 4px  
4px #00245C }
```

Background

The CSS property to change the background color of an element to Hex 00245C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00245C }
```

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

```
.background{ background-color:#00245C }
```

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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