

Converting Colors

Hex(00236C)

Have a look what the booklet for
Hex(00236C) contains.

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Color

Hex(00236C)

Conversions

Conversions Part 1

Format	Color
Hex	00236C
RGB	0, 35, 108
RGB Percent	0%, 14%, 42%
CMY	1.0000, 0.8627, 0.5765
CMYK	1.00, 0.68, 0.00, 0.58
HSL	221°, 100%, 21%
HSV	221°, 100%, 42%
XYZ	3.3078, 2.2848, 14.4540
YIQ	32.8570, -44.2930, 15.2830

Conversions

Conversions Part 2

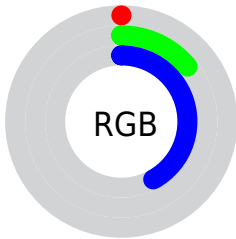
Format	Color
RYB	0, 26, 108
Decimal	9068
CIELab	16.92, 21.37, -45.27
CIELCh	17, 50.061, 295.263
Yxy	2.2848, 0.1650, 0.1140
Android (android.graphics.Color)	4278199148 (0xFF00236C)
YUV	32.8570, 37.0455, -28.8156
Hunter-Lab	15.1155, 12.6101, -46.1147

Details

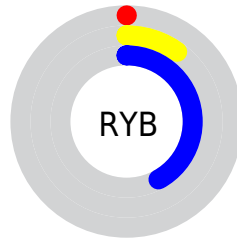
The Hex color **00236C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C4900**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **484FA0**, and **00003B** is the 20% darker color. If you saturate the color by 10%, you get **00236C**, and if you desaturate by 10%, it is **0B2A6C**.

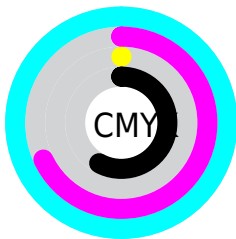
Distribution



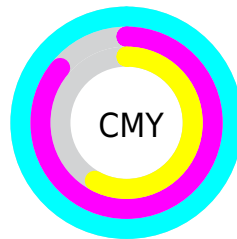
- Red (0%)
- Green (14%)
- Blue (42%)



- Red (0%)
- Yellow (10%)
- Blue (42%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (86%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00236C 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 00236C by changing the saturation by 10% instead.

■ 00236C

■ 00236C

FFFFFF

■ 001053

■ 484FA0

■ 00003B

■ 6367BC

■ 000225

■ 7F80D8

■ 00010D

■ 9A9AF4

■ 000000

■ B7B5FF

■ D3D0FF

■ F1ECFF

■ 00236C

■ 0B2A6C

■ 16326C

■ 20396C

■ 2B406C

■ 36476C

■ 414F6C

■ 4C566C

■ 565D6C

■ 61656C

Harmonies

Analogous

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



003173



00236C



4D0453

Triad

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



00236C



531300



003723

Complementary

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



00236C



6C4900

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.



003500



00236C



392700

Square

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



00236C



63000D



163000



003848

Rectangle

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



00236C



5E003D



163000



003716

Sweetspot

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



00236C



62708C



006C48



2E3647



C7C7C7



474747

Same Dimension

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



00236C



002D8C



12006C



303236



002675



004FF5

Inverse Universe

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



6C0023



8C002D



5A6C00



363032



750026



F5004F

Previews

White Background



This preview shows how the Hex color 00236C looks on a white background.

Color Contrast Check

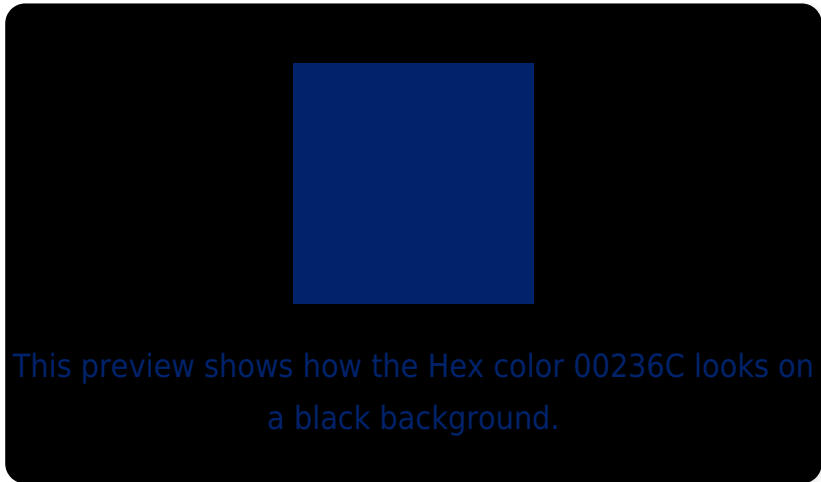
Large Text (above 18pt) WCAG AA ✓ Pass

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

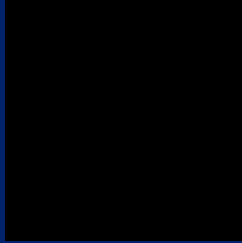
Any Text WCAG AA × Fail

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 00236C Background



This preview shows how black text looks on a background with the Hex color 00236C.



This preview shows how white text looks on a background with the Hex color 00236C.

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
00236C

Protanopia
002957

Deuteranopia
002C4B

Trichromacy



Original Color
00236C

Protanomaly
00275F

Deuteranomaly
002957

Tritanomaly
002B47

Monochromacy



Original Color
00236C

Achromatopsia
212121

Achromatomaly
15223C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00236C 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 #00236C looks like.

```
.text, #text, p{  
    color:#00236C  
}
```

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 #00236C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00236C
}
```

Border

The CSS property to change the border of an element to Hex 00236C 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
#00236C }
```

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

```
.border{ border-color:#00236C }
```

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

Here you see how a box with a 4 pixel #00236C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00236C; -webkit-box-shadow:4px 4px  
4px 4px #00236C; box-shadow:4px 4px 4px  
4px #00236C }
```

Background

The CSS property to change the background color of an element to Hex 00236C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00236C }
```

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

```
.background{ background-color:#00236C }
```

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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