

# Converting Colors

Hex(00366E)

Have a look what the booklet for  
Hex(00366E) contains.

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# Color

**Hex(00366E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00366E
RGB	0, 54, 110
RGB Percent	0%, 21%, 43%
CMY	1.0000, 0.7882, 0.5686
CMYK	1.00, 0.51, 0.00, 0.57
HSL	211°, 100%, 22%
HSV	211°, 100%, 43%
XYZ	4.1336, 3.7641, 15.2605
YIQ	44.2380, -50.1600, 5.9680

# Conversions

## Conversions Part 2

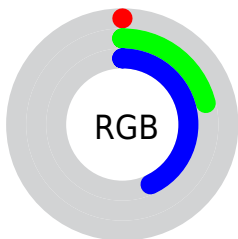
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 36, 110
Decimal	13934
CIELab	22.88, 8.27, -36.86
CIELCh	23, 37.776, 282.638
Yxy	3.7641, 0.1785, 0.1625
Android (android.graphics.Color)	4278204014 (0xFF00366E)
YUV	44.2380, 32.4207, -38.7967
Hunter-Lab	19.4013, 4.0787, -33.0548

# Details

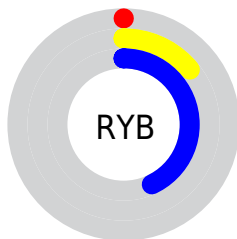
The Hex color **00366E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6E3800**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4764A2**, and **000A3E** is the 20% darker color. If you saturate the color by 10%, you get **00366E**, and if you desaturate by 10%, it is **0B3C6E**.

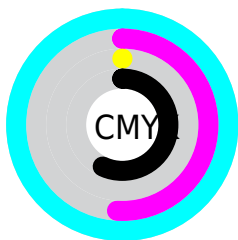
# Distribution



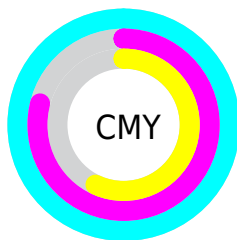
- Red (0%)
- Green (21%)
- Blue (43%)



- Red (0%)
- Yellow (14%)
- Blue (43%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (79%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00366E 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 00366E by changing the saturation by 10% instead.



00366E

00366E

FFFFFF

002155

4764A2

000A3E

627DBD

000327

7E97D9

000111

99B1F6

000000

B5CDFF

D2E9FF

FFFFFF

00366E

■ 0B3C6E

■ 16416E

■ 21476E

■ 2C4C6E

■ 37526E

■ 42586E

■ 4D5D6E

■ 58636E

■ 63686E

# Harmonies

## Analogous

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



003E6D



00366E



462960

# Triad

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



00366E



622211



004225

# Complementary

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



00366E



6E3800

# 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.



173F07



00366E



512F00

# Square

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



00366E



68172C



393900



004342

# Rectangle

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



00366E



5A1F51



393900



00411B



# Sweetspot

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



00366E



64798F



006E37



2E3A47



C7C7C7



474747



# Same Dimension

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



00366E



00468F



00006E



323538



003B78



0079F7



# Inverse Universe

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



6E0036



8F0046



6E6E00



383235



78003B



F70079



# Previews

## White Background



This preview shows how the Hex color 00366E looks on a white background.

## Color Contrast Check

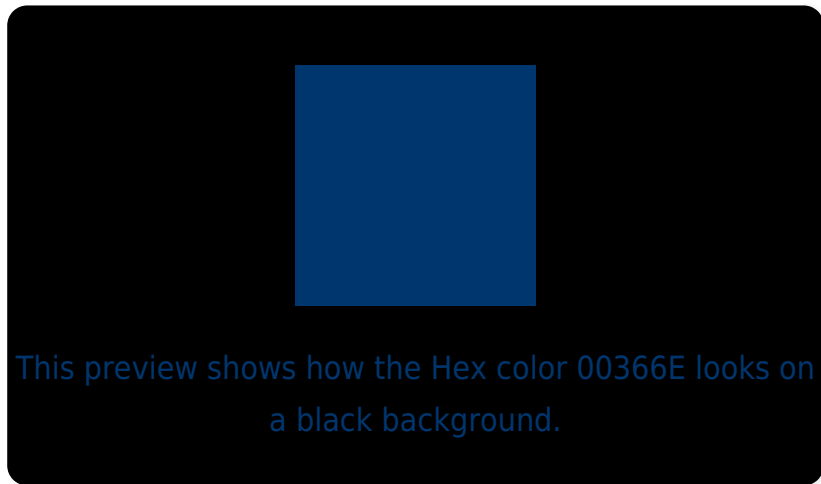
Large Text (above 18pt) WCAG AA ✓ Pass

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

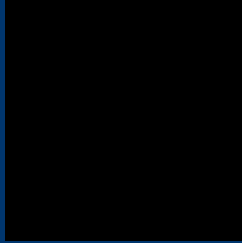
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00366E Background



This preview shows how black text looks on a background with the Hex color 00366E.



This preview shows how white text looks on a background with the Hex color 00366E.

# 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**  
00366E

**Protanopia**  
13356D

**Deuteranopia**  
003962



**Tritanopia**  
003D41

# Trichromacy



**Original Color**  
00366E

**Protanomaly**  
0C356D

**Deuteranomaly**  
003866

**Tritanomaly**  
003A51

# Monochromacy



**Original Color**  
00366E

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
1C3044

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00366E 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 #00366E looks like.

```
.text, #text, p{  
    color:#00366E  
}
```

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 #00366E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00366E
}
```

## Border

The CSS property to change the border of an element to Hex 00366E 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
#00366E }
```

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

```
.border{ border-color:#00366E }
```

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

Here you see how a box with a 4 pixel #00366E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00366E; -webkit-box-shadow:4px 4px  
4px 4px #00366E; box-shadow:4px 4px 4px  
4px #00366E }
```

# Background

The CSS property to change the background color of an element to Hex 00366E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00366E }
```

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

```
.background{ background-color:#00366E }
```

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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