

Converting Colors

Hex(00366D)

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

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Color

Hex(00366D)

Conversions

Conversions Part 1	
Format	Color
Hex	00366D
RGB	0, 54, 109
RGB Percent	0%, 21%, 43%
CMY	1.0000, 0.7882, 0.5725
CMYK	1.00, 0.50, 0.00, 0.57
HSL	210°, 100%, 21%
HSV	210°, 100%, 43%
XYZ	4.0795, 3.7425, 14.9754
YIQ	44.1240, -49.8390, 5.6570

Conversions

Conversions Part 2

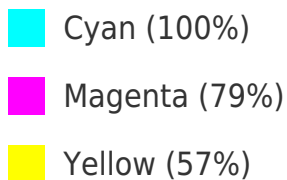
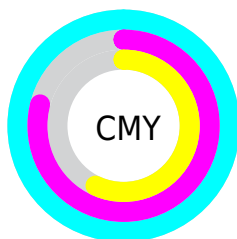
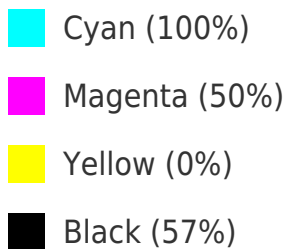
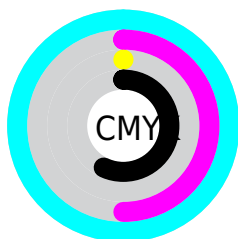
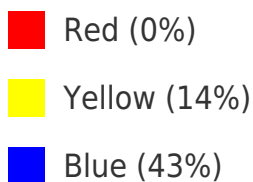
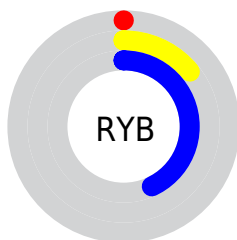
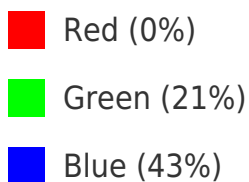
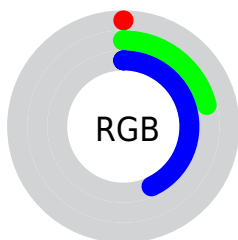
Format	Color
RYB	0, 36, 109
Decimal	13933
CIELab	22.80, 7.82, -36.34
CIELCh	23, 37.170, 282.139
Yxy	3.7425, 0.1789, 0.1642
Android (android.graphics.Color)	4278204013 (0xFF00366D)
YUV	44.1240, 31.9839, -38.6967
Hunter-Lab	19.3454, 3.7868, -32.3547

Details

The Hex color **00366D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D3700**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4664A1**, and **000A3D** is the 20% darker color. If you saturate the color by 10%, you get **00366D**, and if you desaturate by 10%, it is **0B3C6D**.

Distribution



Brightness & Saturation Gradients

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

 00366D

 00366D

FFFFFF

 002154

 4664A1

 000A3D

 627DBC

 000326

 7D97D8

 00010F

 99B1F5

 000000

 B5CDFF

 D1E9FF

 EFFFFFF

 00366D

 0B3C6D

 16416D

 21476D

 2C4C6D

 37526D

 41576D

 4C5D6D

 57626D

 62676D

Harmonies

Analogous

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



003E6B



00366D



452A60

Triad

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



00366D



612212



004224

Complementary

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



00366D



6D3700

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.



183F07



00366D



512F00

Square

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



00366D



67182C



393900



004341

Rectangle

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



00366D



592051



393900



00411B

Sweetspot

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



00366D



64798F



006D37



2E3A47



C7C7C7



474747

Same Dimension

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



00366D



00478F



00006D



303336



003A75



0079F5

Inverse Universe

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



6D0036



8F0047



6D6D00



363033



75003A



F50079

Previews

White Background



This preview shows how the Hex color 00366D 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



This preview shows how the Hex color 00366D looks on a 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 00366D Background



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



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

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
00366D





Protanopia
15356C

Deuteranopia
003862






Tritanopia
003D41

Trichromacy

	Original Color 00366D
	Protanomaly 0D356C
	Deuteranomaly 003766
	Tritanomaly 003A51

Monochromacy

	Original Color 00366D
	Achromatopsia 2C2C2C
	Achromatomaly 1C3044

CSS Examples

Text

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

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

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 #00366D colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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