

# Converting Colors

Hex(02365D)

Have a look what the booklet for  
Hex(02365D) contains.

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# Color

**Hex(02365D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02365D
RGB	2, 54, 93
RGB Percent	1%, 21%, 36%
CMY	0.9922, 0.7882, 0.6353
CMYK	0.98, 0.42, 0.00, 0.64
HSL	206°, 96%, 19%
HSV	206°, 98%, 36%
XYZ	3.3200, 3.4416, 10.8452
YIQ	42.8980, -43.5110, 1.1050

# Conversions

## Conversions Part 2

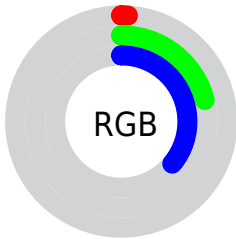
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 35, 93
Decimal	144989
CIE Lab	21.73, 0.81, -27.65
CIE LCh	22, 27.666, 271.670
Yxy	3.4416, 0.1886, 0.1955
Android (android.graphics.Color)	4278335069 (0xFF02365D)
YUV	42.8980, 24.7003, -35.8675
Hunter-Lab	18.5514, -0.5204, -21.6752

# Details

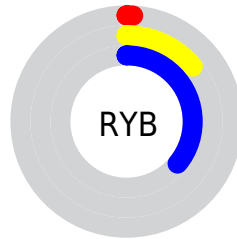
The Hex color **02365D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5D2902**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **426490**, and **00092F** is the 20% darker color. If you saturate the color by 10%, you get **00355D**, and if you desaturate by 10%, it is **0B3A5D**.

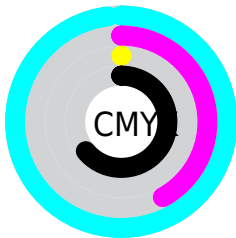
# Distribution



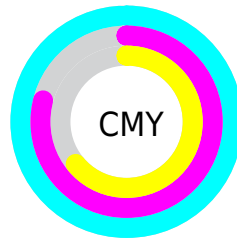
- Red (1%)
- Green (21%)
- Blue (36%)



- Red (1%)
- Yellow (14%)
- Blue (36%)



- Cyan (98%)
- Magenta (42%)
- Yellow (0%)
- Black (64%)



- Cyan (99%)
- Magenta (79%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02365D 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 02365D by changing the saturation by 10% instead.



02365D

02365D

FFFFFF

002145

426490

00092F

5C7DAA

000119

7797C6

000000

92B2E2

AECDFF

CAE9FF

E7FFFF

02365D

02365D

■ 00355D

■ 0B3A5D

■ 153E5D

■ 1E425D

■ 27465D

■ 314A5D

■ 3A4E5D

■ 43525D

■ 4C565D

■ 565A5D

# Harmonies

## Analogous

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



003B58



02365D



362E57

# Triad

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



02365D



582420



093C20

# Complementary

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



02365D



5D2902

# 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.



29390F



02365D



4E2C0F

# Square

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



02365D



592134



3E3307



003E35

# Rectangle

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



02365D



47284E



3E3307



173C19



# Sweetspot

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



02365D



556978



025D28



28343D



BDBDBD



3D3D3D



# Same Dimension

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



02365D



004478



020A5D



292C2E



003F6E



0088ED



# Inverse Universe

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



5D0236



780044



5D5502



2E292C



6E003F



ED0088



# Previews

## White Background



This preview shows how the Hex color 02365D looks on a white background.

## Color Contrast Check

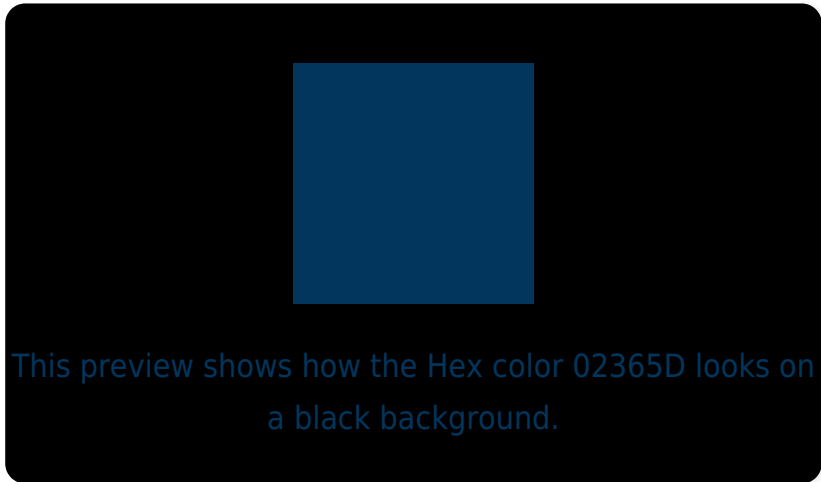
Large Text (above 18pt) WCAG AA ✓ Pass

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

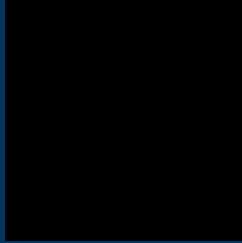
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 02365D Background



This preview shows how black text looks on a background with the Hex color 02365D.



This preview shows how white text looks on a background with the Hex color 02365D.

# 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**  
02365D

**Protanopia**  
24335A

**Deuteranopia**  
10355D



**Tritanopia**  
003B3F

# Trichromacy



**Original Color**  
02365D

**Protanomaly**  
18345B

**Deuteranomaly**  
0B355D

**Tritanomaly**  
01394A

# Monochromacy



**Original Color**  
02365D

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
1C2F3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02365D 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 #02365D looks like.

```
.text, #text, p{  
    color:#02365D  
}
```

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 #02365D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02365D
}
```

## Border

The CSS property to change the border of an element to Hex 02365D 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
#02365D }
```

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

```
.border{ border-color:#02365D }
```

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

Here you see how a box with a 4 pixel #02365D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02365D; -webkit-box-shadow:4px 4px  
4px 4px #02365D; box-shadow:4px 4px 4px  
4px #02365D }
```

# Background

The CSS property to change the background color of an element to Hex 02365D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02365D }
```

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

```
.background{ background-color:#02365D }
```

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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