

# Converting Colors

Hex(004365)

Have a look what the booklet for  
Hex(004365) contains.

<b>Hex(004365)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(004365)

# Conversions

## Conversions Part 1

Format	Color
Hex	004365
RGB	0, 67, 101
RGB Percent	0%, 26%, 40%
CMY	1.0000, 0.7373, 0.6039
CMYK	1.00, 0.34, 0.00, 0.60
HSL	200°, 100%, 20%
HSV	200°, 100%, 40%
XYZ	4.3561, 4.9539, 13.0385
YIQ	50.8430, -50.8460, -3.6300

# Conversions

## Conversions Part 2

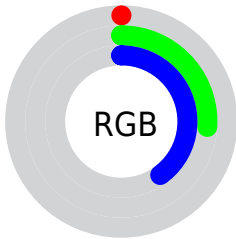
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 40, 101
Decimal	17253
CIELab	26.60, -4.70, -25.13
CIElCh	27, 25.562, 259.403
Yxy	4.9539, 0.1949, 0.2217
Android (android.graphics.Color)	4278207333 (0xFF004365)
YUV	50.8430, 24.7274, -44.5893
Hunter-Lab	22.2573, -4.0151, -19.1524

# Details

The Hex color **004365** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **652200**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **447398**, and **001936** is the 20% darker color. If you saturate the color by 10%, you get **004365**, and if you desaturate by 10%, it is **0A4665**.

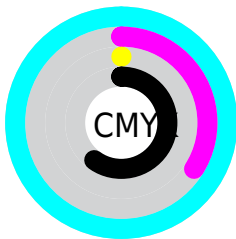
# Distribution



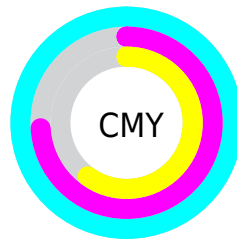
- Red (0%)
- Green (26%)
- Blue (40%)



- Red (0%)
- Yellow (16%)
- Blue (40%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (74%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004365 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 004365 by changing the saturation by 10% instead.



004365

004365

FFFFFF

002D4D

447398

001936

5F8CB3

000220

7AA7CF

000005

95C2EB

000000

B1DEFF

CEFAFF

EBFFFF

004365

■ 0A4665

■ 144A65

■ 1E4D65

■ 285165

■ 335465

■ 3D5765

■ 475B65

■ 515E65

■ 5B6265

# Harmonies

## Analogous

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



00475C



004365



353D64

# Triad

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



004365



642F33



274625

# Complementary

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



004365



652200

# 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.



3E4219



004365



5E3422

# Square

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



004365



5F2F47



503B18



004837

# Rectangle

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



004365



48375D



503B18



2F4520



# Sweetspot

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



004365



5B7582



006522



2A3A42



C2C2C2



424242



# Same Dimension

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



004365



005682



001165



2E3133



004C73



00A1F2



# Inverse Universe

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



650043



820056



655400



332E31



73004C



F200A1



# Previews

## White Background



This preview shows how the Hex color 004365 looks on a white background.

### Color Contrast Check

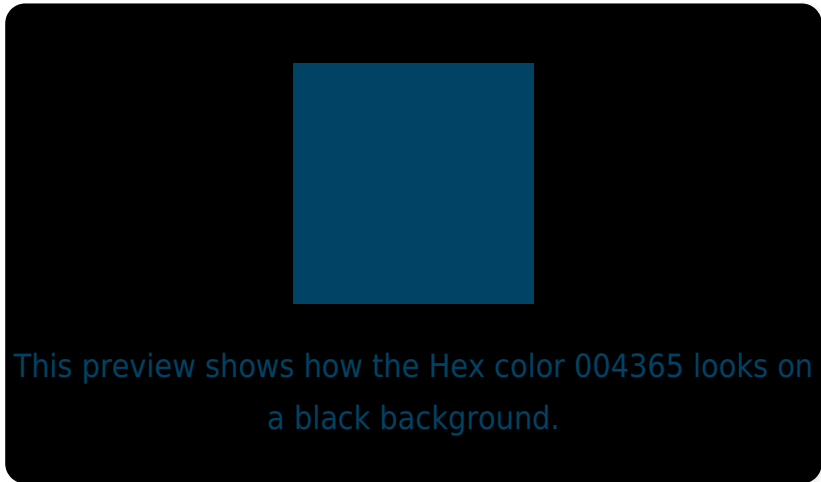
Large Text (above 18pt) WCAG AA ✓ Pass

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

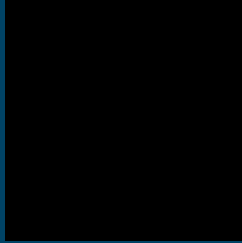
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 004365 Background



This preview shows how black text looks on a background with the Hex color 004365.

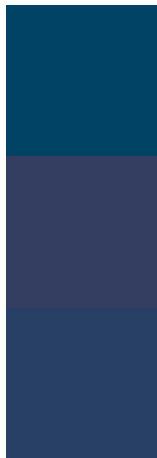


This preview shows how white text looks on a background with the Hex color 004365.

# 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**  
004365

**Protanopia**  
333E61

**Deuteranopia**  
294066



**Tritanopia**  
00464C

# Trichromacy



**Original Color**  
004365

**Protanomaly**  
204062

**Deuteranomaly**  
1A4166

**Tritanomaly**  
004555

# Monochromacy



**Original Color**  
004365

**Achromatopsia**  
333333

**Achromatomaly**  
203945

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004365 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 #004365 looks like.

```
.text, #text, p{  
    color:#004365  
}
```

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 #004365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004365
}
```

## Border

The CSS property to change the border of an element to Hex 004365 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
#004365 }
```

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

```
.border{ border-color:#004365 }
```

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

Here you see how a box with a 4 pixel #004365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004365; -webkit-box-shadow:4px 4px  
4px 4px #004365; box-shadow:4px 4px 4px  
4px #004365 }
```

# Background

The CSS property to change the background color of an element to Hex 004365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004365 }
```

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

```
.background{ background-color:#004365 }
```

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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