

# Converting Colors

Hex(02374F)

Have a look what the booklet for  
Hex(02374F) contains.

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# Color

**Hex(02374F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02374F
RGB	2, 55, 79
RGB Percent	1%, 22%, 31%
CMY	0.9922, 0.7843, 0.6902
CMYK	0.97, 0.30, 0.00, 0.69
HSL	199°, 95%, 16%
HSV	199°, 97%, 31%
XYZ	2.8025, 3.3098, 7.8883
YIQ	41.8890, -39.2920, -3.7720

# Conversions

## Conversions Part 2

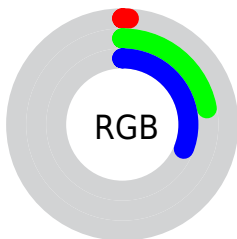
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 33, 79
Decimal	145231
CIE <sub>Lab</sub>	21.24, -6.07, -19.16
CIE <sub>LCh</sub>	21, 20.099, 252.431
Yxy	3.3098, 0.2002, 0.2364
Android (android.graphics.Color)	4278335311 (0xFF02374F)
<b>YUV</b>	41.8890, 18.2957, -34.9827
Hunter-Lab	18.1928, -4.3405, -12.9727

# Details

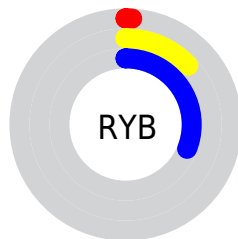
The Hex color **02374F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F1A02**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3E6680**, and **000B23** is the 20% darker color. If you saturate the color by 10%, you get **00364F**, and if you desaturate by 10%, it is **0A394F**.

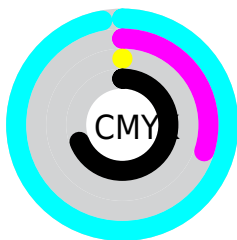
# Distribution



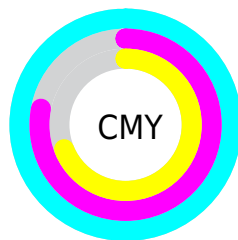
- Red (1%)
- Green (22%)
- Blue (31%)



- Red (1%)
- Yellow (13%)
- Blue (31%)



- Cyan (97%)
- Magenta (30%)
- Yellow (0%)
- Black (69%)



- Cyan (99%)
- Magenta (78%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02374F 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 02374F by changing the saturation by 10% instead.



02374F

02374F

FDFEFF

002238

3E6680

000B23

577F9A

00000A

7299B5

000000

8CB3D1

A7CFED

C3EBFF

E0FFFF

02374F

02374F

■ 00364F

■ 0A394F

■ 123C4F

■ 1A3E4F

■ 22414F

■ 29434F

■ 31464F

■ 39484F

■ 414B4F

■ 494D4F

# Harmonies

## Analogous

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



003A47



02374F



263250

# Triad

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



02374F



4F272D



26381C

# Complementary

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



02374F



4F1A02

# 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.



363415



02374F



4C2A20

# Square

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



02374F



4A283C



432F17



113A2A

# Rectangle

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



02374F



362F4C



432F17



2C3719



# Sweetspot

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



02374F



485D66



024F19



212D33



B3B3B3



333333



# Same Dimension

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



02374F



004666



02114F



222526



009EE6

# Inverse Universe

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



4F0237



660046



4F4002



262225



E6009E

# Previews

## White Background



This preview shows how the Hex color 02374F looks on a white background.

## Color Contrast Check

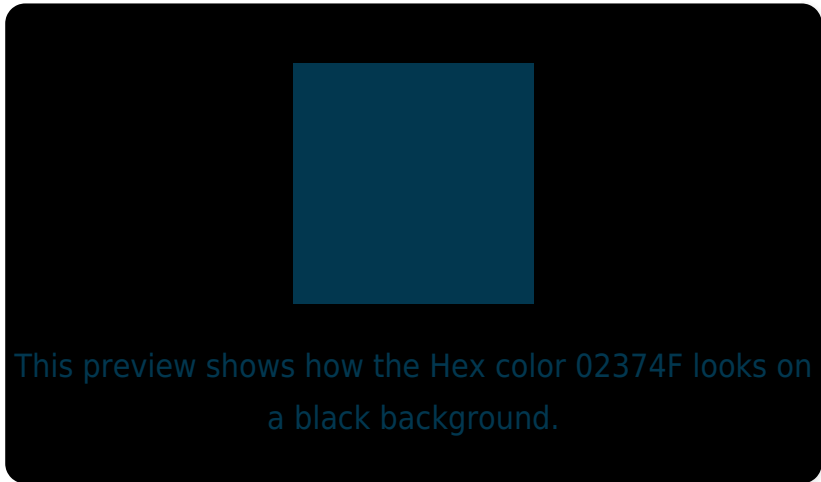
Large Text (above 18pt) WCAG AA ✓ Pass

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

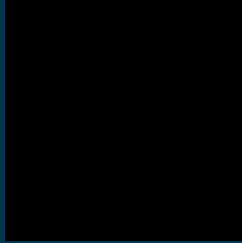
Any Text WCAG AA × Fail

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 02374F Background



This preview shows how black text looks on a background with the Hex color 02374F.



This preview shows how white text looks on a background with the Hex color 02374F.

# 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**  
02374F

**Protanopia**  
2B334B

**Deuteranopia**  
253350





**Tritanopia**  
00393E

# Trichromacy



**Original Color**  
02374F

**Protanomaly**  
1C344C

**Deuteranomaly**  
183450

**Tritanomaly**  
013844

# Monochromacy



**Original Color**  
02374F

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
1B2F37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02374F 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 #02374F looks like.

```
.text, #text, p{  
    color:#02374F  
}
```

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 #02374F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02374F
}
```

## Border

The CSS property to change the border of an element to Hex 02374F 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
#02374F }
```

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

```
.border{ border-color:#02374F }
```

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

Here you see how a box with a 4 pixel #02374F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02374F; -webkit-box-shadow:4px 4px  
4px 4px #02374F; box-shadow:4px 4px 4px  
4px #02374F }
```

# Background

The CSS property to change the background color of an element to Hex 02374F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02374F }
```

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

```
.background{ background-color:#02374F }
```

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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