

Converting Colors

Hex(003465)

Have a look what the booklet for
Hex(003465) contains.

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Color

Hex(003465)

Conversions

Conversions Part 1

Format	Color
Hex	003465
RGB	0, 52, 101
RGB Percent	0%, 20%, 40%
CMY	1.0000, 0.7961, 0.6039
CMYK	1.00, 0.49, 0.00, 0.60
HSL	209°, 100%, 20%
HSV	209°, 100%, 40%
XYZ	3.5770, 3.3956, 12.7788
YIQ	42.0380, -46.7210, 4.2150

Conversions

Conversions Part 2

Format	Color
RYB	0, 34, 101
Decimal	13413
CIELab	21.56, 5.65, -33.16
CIELCh	22, 33.634, 279.665
Yxy	3.3956, 0.1811, 0.1719
Android (android.graphics.Color)	4278203493 (0xFF003465)
YUV	42.0380, 29.0683, -36.8673
Hunter-Lab	18.4271, 2.4020, -28.2175

Details

The Hex color **003465** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **653100**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **446298**, and **000636** is the 20% darker color. If you saturate the color by 10%, you get **003465**, and if you desaturate by 10%, it is **0A3965**.

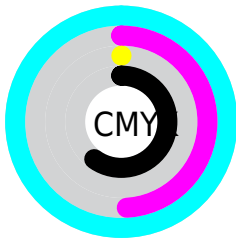
Distribution



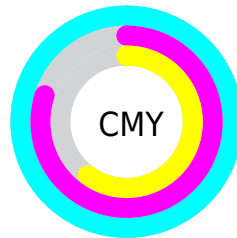
- Red (0%)
- Green (20%)
- Blue (40%)



- Red (0%)
- Yellow (13%)
- Blue (40%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003465 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 003465 by changing the saturation by 10% instead.

003465

003465

FFFFFF

001F4D

446298

000636

5F7BB3

000220

7A94CF

000003

95AFEB

000000

B1CAFF

CDE6FF

EAFFFF

003465

■ 0A3965

■ 143E65

■ 1E4365

■ 284865

■ 334D65

■ 3D5165

■ 475665

■ 515B65

■ 5B6065

Harmonies

Analogous

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



003B62



003465



3F295A

Triad

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



003465



5B2115



003E21

Complementary

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



003465



653100

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.



1D3B09



003465



4D2C00

Square

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



003465



601A2D



393500



003F3B

Rectangle

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



003465



51214D



393500



003D19

Sweetspot

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



003465



5B6F82



006531



2A3742



C2C2C2



424242

Same Dimension

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



003465



004382



000265



2E3133



003B73



007DF2

Inverse Universe

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



650034



820043



656300



332E31



73003B



F2007D

Previews

White Background



This preview shows how the Hex color 003465 looks on a white background.

Color Contrast Check

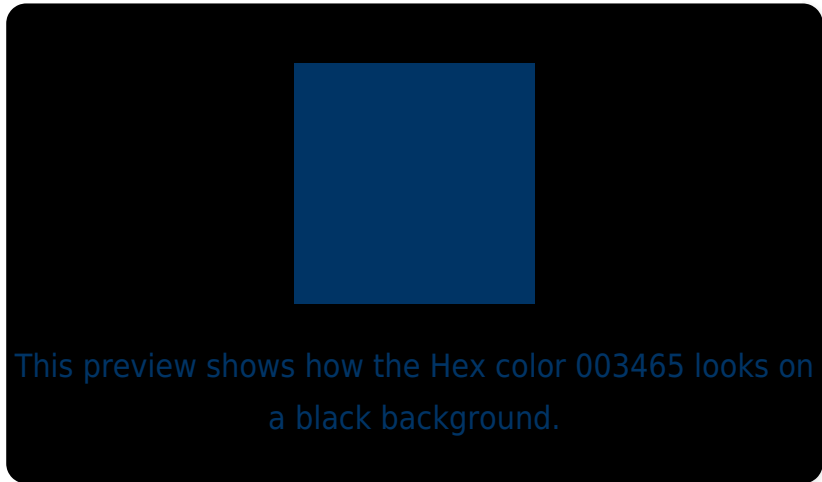
Large Text (above 18pt) WCAG AA ✓ Pass

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

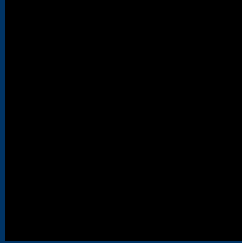
Any Text WCAG AA × Fail

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 003465 Background



This preview shows how black text looks on a background with the Hex color 003465.



This preview shows how white text looks on a background with the Hex color 003465.

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
003465

Protanopia
193364

Deuteranopia
00365E



Tritanopia
003A3E

Trichromacy



Original Color
003465

Protanomaly
103364

Deuteranomaly
003561

Tritanomaly
00384C

Monochromacy



Original Color
003465

Achromatopsia
2A2A2A

Achromatomaly
1B2E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 003465 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 #003465 looks like.

```
.text, #text, p{  
    color:#003465  
}
```

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 #003465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003465
}
```

Border

The CSS property to change the border of an element to Hex 003465 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
#003465 }
```

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

```
.border{ border-color:#003465 }
```

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

Here you see how a box with a 4 pixel #003465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003465; -webkit-box-shadow:4px 4px  
4px 4px #003465; box-shadow:4px 4px 4px  
4px #003465 }
```

Background

The CSS property to change the background color of an element to Hex 003465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003465 }
```

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

```
.background{ background-color:#003465 }
```

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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