

Converting Colors

Hex(00344F)

Have a look what the booklet for
Hex(00344F) contains.

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Color

Hex(00344F)

Conversions

Conversions Part 1

Format	Color
Hex	00344F
RGB	0, 52, 79
RGB Percent	0%, 20%, 31%
CMY	1.0000, 0.7961, 0.6902
CMYK	1.00, 0.34, 0.00, 0.69
HSL	201°, 100%, 15%
HSV	201°, 100%, 31%
XYZ	2.6393, 3.0205, 7.8410
YIQ	39.5300, -39.6590, -2.6270

Conversions

Conversions Part 2

Format	Color
RYB	0, 31, 79
Decimal	13391
CIELab	20.13, -4.31, -20.92
CIElCh	20, 21.361, 258.372
Yxy	3.0205, 0.1955, 0.2237
Android (android.graphics.Color)	4278203471 (0xFF00344F)
YUV	39.5300, 19.4587, -34.6678
Hunter-Lab	17.3796, -3.3071, -14.5838

Details

The Hex color **00344F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4F1B00**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **3C6280**, and **000323** is the 20% darker color. If you saturate the color by 10%, you get **00344F**, and if you desaturate by 10%, it is **08374F**.

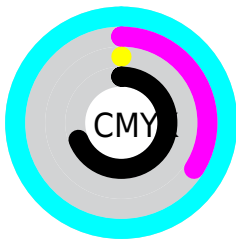
Distribution



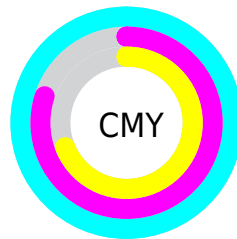
- Red (0%)
- Green (20%)
- Blue (31%)



- Red (0%)
- Yellow (12%)
- Blue (31%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00344F 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 00344F by changing the saturation by 10% instead.

00344F

00344F

FCFFFF

001F38

3C6280

000323

567B9A

000009

7095B5

000000

8BAFD1

A6CBED

C2E7FF

DFFFFF

00344F

■ 08374F

■ 10394F

■ 183C4F

■ 203F4F

■ 28424F

■ 2F444F

■ 37474F

■ 3F4A4F

■ 474C4F

Harmonies

Analogous

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



003748



00344F



282F4E

Triad

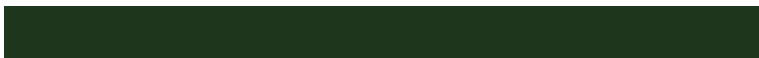
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00344F



4E2428



1E361B

Complementary

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



00344F



4F1B00

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.



303312



00344F



4A281A

Square

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



00344F



4A2437



3F2E11



02382A

Rectangle

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



00344F



382B49



3F2E11



253517

Sweetspot

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



00344F



475C66



004F1A



212D33



B3B3B3



333333

Same Dimension

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



00344F



004366



000D4F



222526



0097E6

Inverse Universe

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



4F0034



660043



4F4200



262225



E60097

Previews

White Background



This preview shows how the Hex color 00344F looks on a white background.

Color Contrast Check

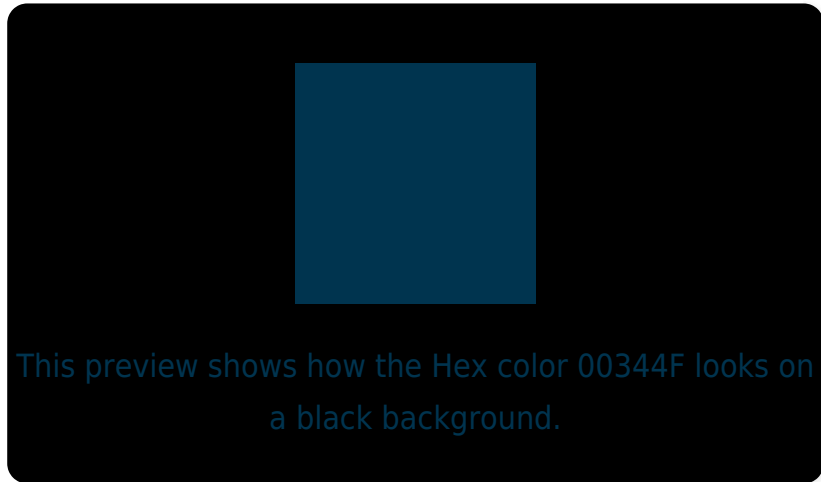
Large Text (above 18pt) WCAG AA ✓ Pass

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

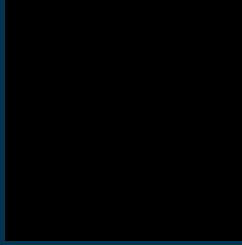
Any Text WCAG AA × Fail

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 00344F Background



This preview shows how black text looks on a background with the Hex color 00344F.



This preview shows how white text looks on a background with the Hex color 00344F.

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
00344F

Protanopia
27304C

Deuteranopia
1F3150



Tritanopia
00373B

Trichromacy



Original Color
00344F

Protanomaly
19314D

Deuteranomaly
143250

Tritanomaly
003642

Monochromacy



Original Color
00344F

Achromatopsia
282828

Achromatomaly
192C36

CSS Examples

Text

The CSS property to change the color of the text to Hex 00344F 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 #00344F looks like.

```
.text, #text, p{  
    color:#00344F  
}
```

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 #00344F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00344F
}
```

Border

The CSS property to change the border of an element to Hex 00344F 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
#00344F }
```

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

```
.border{ border-color:#00344F }
```

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

Here you see how a box with a 4 pixel #00344F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00344F; -webkit-box-shadow:4px 4px  
4px 4px #00344F; box-shadow:4px 4px 4px  
4px #00344F }
```

Background

The CSS property to change the background color of an element to Hex 00344F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00344F }
```

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

```
.background{ background-color:#00344F }
```

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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