

Converting Colors

Hex(00354C)

Have a look what the booklet for
Hex(00354C) contains.

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Color

Hex(00354C)

Conversions

Conversions Part 1

Format	Color
Hex	00354C
RGB	0, 53, 76
RGB Percent	0%, 21%, 30%
CMY	1.0000, 0.7922, 0.7020
CMYK	1.00, 0.30, 0.00, 0.70
HSL	198°, 100%, 15%
HSV	198°, 100%, 30%
XYZ	2.5776, 3.0680, 7.2938
YIQ	39.7750, -38.9710, -4.0830

Conversions

Conversions Part 2

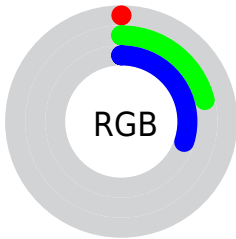
Format	Color
RYB	0, 31, 76
Decimal	13644
CIELab	20.31, -6.31, -18.62
CIELCh	20, 19.654, 251.285
Yxy	3.0680, 0.1992, 0.2371
Android (android.graphics.Color)	4278203724 (0xFF00354C)
YUV	39.7750, 17.8589, -34.8827
Hunter-Lab	17.5157, -4.3845, -12.4282

Details

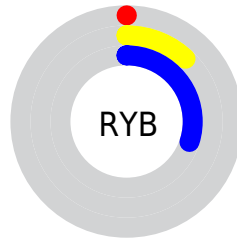
The Hex color **00354C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C1700**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3C637D**, and **000420** is the 20% darker color. If you saturate the color by 10%, you get **00354C**, and if you desaturate by 10%, it is **08374C**.

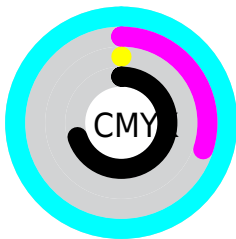
Distribution



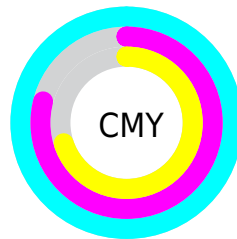
- Red (0%)
- Green (21%)
- Blue (30%)



- Red (0%)
- Yellow (12%)
- Blue (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (79%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00354C 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 00354C by changing the saturation by 10% instead.

 00354C

 00354C

 FAFFFF

 002035

 3C637D

 000420

 557C97

 000005

 6F96B2

 000000

 8AB1CD

 A5CCE9

 C1E8FF

 DDFFFF

 00354C

■ 08374C

■ 0F3A4C

■ 173C4C

■ 1E3E4C

■ 26414C

■ 2E434C

■ 35454C

■ 3D474C

■ 444A4C

Harmonies

Analogous

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



003844



00354C



23314D

Triad

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



00354C



4C252C



25361B

Complementary

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



00354C



4C1700

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.



353214



00354C



4A281F

Square

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



00354C



47263B



412D16



103827

Rectangle

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



00354C



332D4A



412D16



2A3518

Sweetspot

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



00354C



465A63



004C17



212D33



B3B3B3



333333

Same Dimension

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



00354C



004563



000F4C



222526



004766



00A0E6

Inverse Universe

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



4C0035



630045



4C3D00



262225



660047



E600A0

Previews

White Background



This preview shows how the Hex color 00354C looks on a white background.

Color Contrast Check

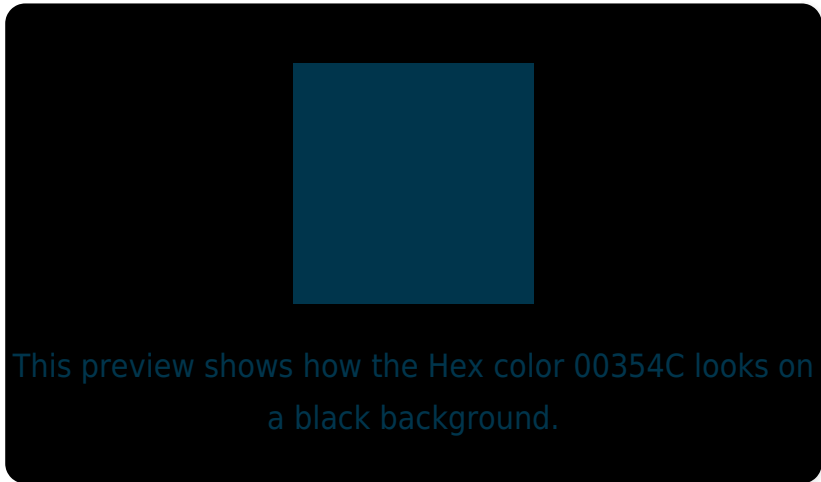
Large Text (above 18pt) WCAG AA ✓ Pass

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

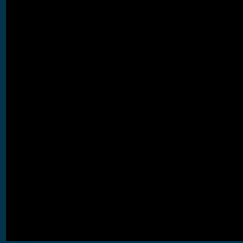
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

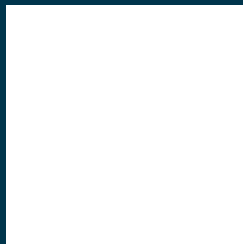
Any Text WCAG AAA × Fail

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

Hex 00354C Background



This preview shows how black text looks on a background with the Hex color 00354C.



This preview shows how white text looks on a background with the Hex color 00354C.

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
00354C

Protanopia
2A3149

Deuteranopia
24324D



Tritanopia
00373B

Trichromacy



Original Color
00354C

Protanomaly
1B324A

Deuteranomaly
17334D

Tritanomaly
003641

Monochromacy



Original Color
00354C

Achromatopsia
282828

Achromatomaly
192D35

CSS Examples

Text

The CSS property to change the color of the text to Hex 00354C 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 #00354C looks like.

```
.text, #text, p{  
    color:#00354C  
}
```

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 #00354C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00354C
}
```

Border

The CSS property to change the border of an element to Hex 00354C 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".

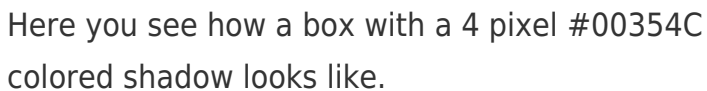
```
.border, #border, table{ border:4px solid
#00354C }
```

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

```
.border{ border-color:#00354C }
```

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

Here you see how a box with a 4 pixel #00354C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00354C; -webkit-box-shadow:4px 4px  
4px 4px #00354C; box-shadow:4px 4px 4px  
4px #00354C }
```

Background

The CSS property to change the background color of an element to Hex 00354C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00354C }
```

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

```
.background{ background-color:#00354C }
```

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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