

Converting Colors

Hex(034F63)

Have a look what the booklet for
Hex(034F63) contains.

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Color

Hex(034F63)

Conversions

Conversions Part 1

Format	Color
Hex	034F63
RGB	3, 79, 99
RGB Percent	1%, 31%, 39%
CMY	0.9882, 0.6902, 0.6118
CMYK	0.97, 0.20, 0.00, 0.61
HSL	192°, 94%, 20%
HSV	192°, 97%, 39%
XYZ	5.0857, 6.5122, 12.7933
YIQ	58.5560, -51.7160, -9.8920

Conversions

Conversions Part 2

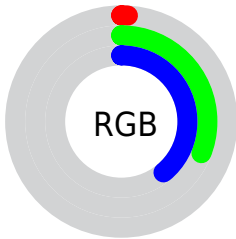
Format	Color
R_{YB}	3, 45, 99
Decimal	216931
CIE _{Lab}	30.67, -12.75, -17.49
CIE _{LCh}	31, 21.647, 233.911
Yxy	6.5122, 0.2085, 0.2670
Android (android.graphics.Color)	4278407011 (0xFF034F63)
YUV	58.5560, 19.9389, -48.7226
Hunter-Lab	25.5190, -9.0850, -11.8603

Details

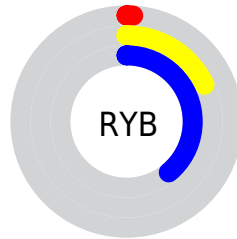
The Hex color **034F63** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **631703**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **468096**, and **002234** is the 20% darker color. If you saturate the color by 10%, you get **004E63**, and if you desaturate by 10%, it is **0D5163**.

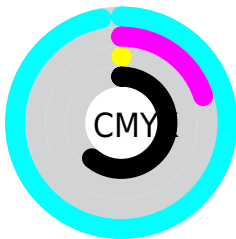
Distribution



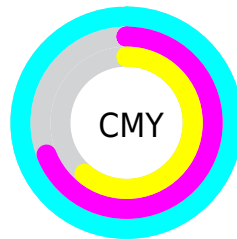
- Red (1%)
- Green (31%)
- Blue (39%)



- Red (1%)
- Yellow (18%)
- Blue (39%)



- Cyan (97%)
- Magenta (20%)
- Yellow (0%)
- Black (61%)



- Cyan (99%)
- Magenta (69%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 034F63 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 034F63 by changing the saturation by 10% instead.

034F63

034F63

FFFFFF

00384B

468096

002234

619AB1

00061F

7CB5CC

000003

97D1E8

000000

B3EDFF

D0FFFF

EDFFFF

034F63

034F63

■ 004E63

■ 0D5163

■ 175363

■ 215563

■ 2B5763

■ 355963

■ 3E5B63

■ 485D63

■ 526063

■ 5C6263

Harmonies

Analogous

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



005155



034F63



294B69

Triad

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



034F63



663B4C



454B29

Complementary

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



034F63



631703

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.



564626



034F63



693C3B

Square

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



034F63



5A3F5C



63402E



324F34

Rectangle

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



034F63



3C4769



63402E



4B4A27

Sweetspot

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



034F63



5B7880



036316



293B40



BFBFBF



404040

Same Dimension

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



034F63



006580



032063



2C2F30



005970



00BEF0

Inverse Universe

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



63034F



800065



634603



302C2F



700059



F000BE

Previews

White Background



This preview shows how the Hex color 034F63 looks on a white background.

Color Contrast Check

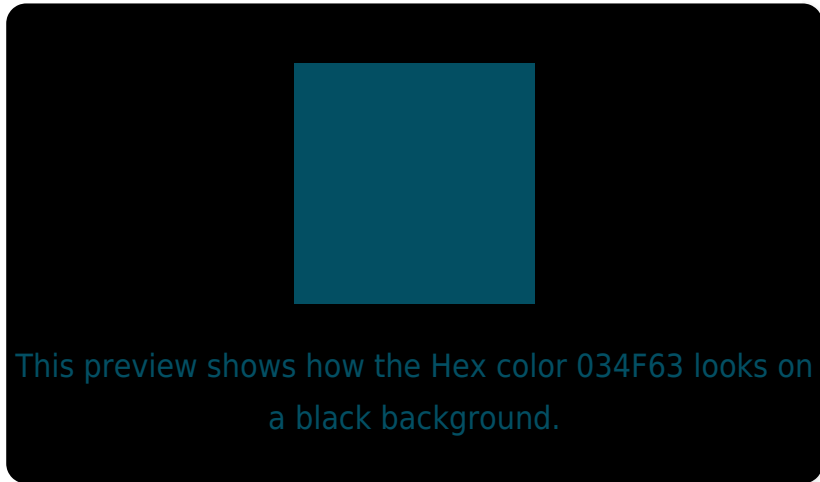
Large Text (above 18pt) WCAG AA ✓ Pass

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

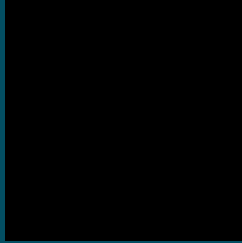
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

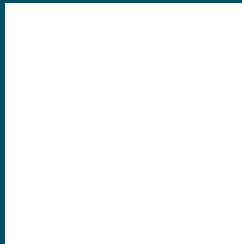
Any Text WCAG AAA × Fail

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

Hex 034F63 Background



This preview shows how black text looks on a background with the Hex color 034F63.

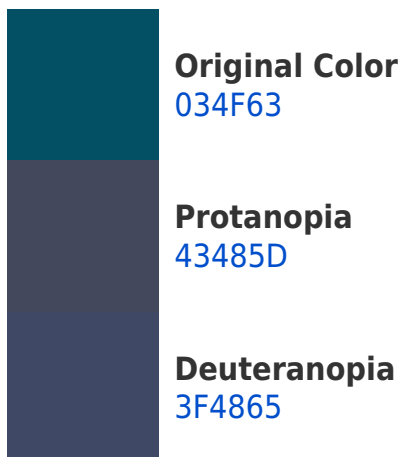


This preview shows how white text looks on a background with the Hex color 034F63.

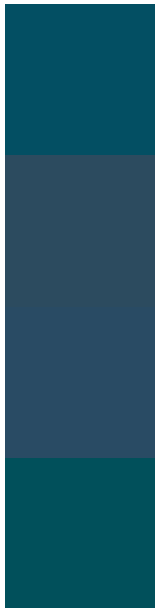
Color Blindness Simulation

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



Trichromacy



Original Color
034F63

Protanomaly
2C4B5F

Deuteranomaly
294B64

Tritanomaly
01505B

Monochromacy



Original Color
034F63

Achromatopsia
3B3B3B

Achromatomaly
27424A

CSS Examples

Text

The CSS property to change the color of the text to Hex 034F63 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 #034F63 looks like.

```
.text, #text, p{  
    color:#034F63  
}
```

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 #034F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034F63
}
```

Border

The CSS property to change the border of an element to Hex 034F63 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
#034F63 }
```

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

```
.border{ border-color:#034F63 }
```

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

Here you see how a box with a 4 pixel #034F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034F63; -webkit-box-shadow:4px 4px  
4px 4px #034F63; box-shadow:4px 4px 4px  
4px #034F63 }
```

Background

The CSS property to change the background color of an element to Hex 034F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034F63 }
```

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

```
.background{ background-color:#034F63 }
```

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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