

Converting Colors

Hex(034447)

Have a look what the booklet for
Hex(034447) contains.

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Color

Hex(034447)

Conversions

Conversions Part 1

Format	Color
Hex	034447
RGB	3, 68, 71
RGB Percent	1%, 27%, 28%
CMY	0.9882, 0.7333, 0.7216
CMYK	0.96, 0.04, 0.00, 0.72
HSL	183°, 92%, 15%
HSV	183°, 96%, 28%
XYZ	3.2420, 4.6085, 6.6799
YIQ	48.9070, -39.7030, -12.8470

Conversions

Conversions Part 2

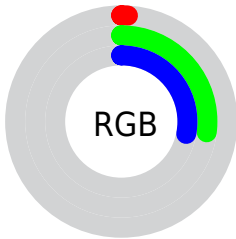
Format	Color
R_YB	3, 36, 71
Decimal	214087
CIE Lab	25.59, -17.11, -7.17
CIE LCh	26, 18.552, 202.751
Yxy	4.6085, 0.2231, 0.3172
Android (android.graphics.Color)	4278404167 (0xFF034447)
YUV	48.9070, 10.8918, -40.2604
Hunter-Lab	21.4675, -10.6112, -3.4216

Details

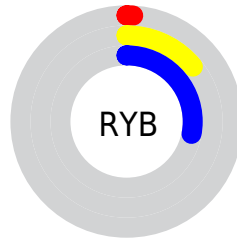
The Hex color **034447** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **470603**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **3E7477**, and **001A1C** is the 20% darker color. If you saturate the color by 10%, you get **004447**, and if you desaturate by 10%, it is **0A4447**.

Distribution



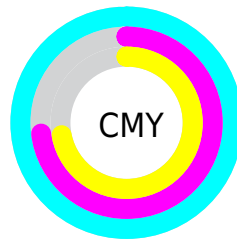
- Red (1%)
- Green (27%)
- Blue (28%)



- Red (1%)
- Yellow (14%)
- Blue (28%)



- Cyan (96%)
- Magenta (4%)
- Yellow (0%)
- Black (72%)



- Cyan (99%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 034447 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 034447 by changing the saturation by 10% instead.

034447

034447

FFFFFF

002D31

3E7477

001A1C

588E91

000000

72A9AB

8DC4C7

A8E0E3

C4FDFF

E0FFFF

034447

034447

■ 004447

■ 0A4447

■ 114547

■ 184547

■ 1F4547

■ 274647

■ 2E4647

■ 354647

■ 3C4747

■ 434747

Harmonies

Analogous

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



184439



034447



074253

Triad

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



034447



4B354E



493B21

Complementary

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



034447



470603

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.



533627



034447



553241

Square

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



034447



393A56



583232



3B3F22

Rectangle

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



034447



194057



583232



4D3922

Sweetspot

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



034447



415B5C



034705



1E2D2E



ADADAD



2E2E2E

Same Dimension

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



034447



00585C



032347



202424



005F63



00D9E3

Inverse Universe

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



470344



5C0058



472703



242024



63005F



E300D9

Previews

White Background



This preview shows how the Hex color 034447 looks on a white background.

Color Contrast Check

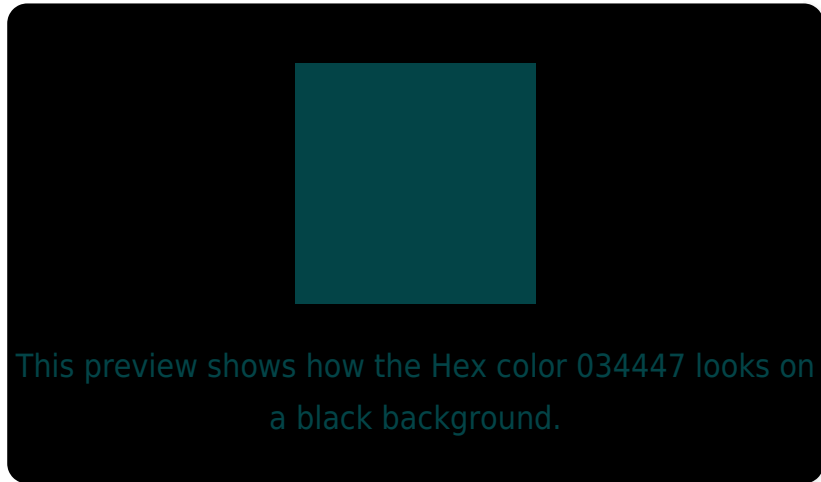
Large Text (above 18pt) WCAG AA ✓ Pass

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

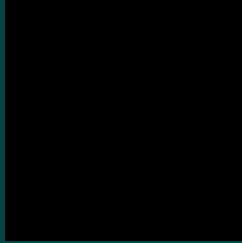
Any Text WCAG AA × Fail

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 034447 Background



This preview shows how black text looks on a background with the Hex color 034447.



This preview shows how white text looks on a background with the Hex color 034447.

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
034447

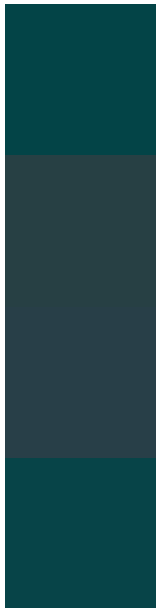
Protanopia
3C3D42

Deuteranopia
3D3C49



Tritanopia
094449

Trichromacy



Original Color
034447

Protanomaly
274044

Deuteranomaly
283F48

Tritanomaly
074448

Monochromacy



Original Color
034447

Achromatopsia
313131

Achromatomaly
203839

CSS Examples

Text

The CSS property to change the color of the text to Hex 034447 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 #034447 looks like.

```
.text, #text, p{  
    color:#034447  
}
```

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 #034447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034447
}
```

Border

The CSS property to change the border of an element to Hex 034447 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
#034447 }
```

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

```
.border{ border-color:#034447 }
```

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

Here you see how a box with a 4 pixel #034447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034447; -webkit-box-shadow:4px 4px  
4px 4px #034447; box-shadow:4px 4px 4px  
4px #034447 }
```

Background

The CSS property to change the background color of an element to Hex 034447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034447 }
```

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

```
.background{ background-color:#034447 }
```

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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