

Converting Colors

Hex(034949)

Have a look what the booklet for
Hex(034949) contains.

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Color

Hex(034949)

Conversions

Conversions Part 1

Format	Color
Hex	034949
RGB	3, 73, 73
RGB Percent	1%, 29%, 29%
CMY	0.9882, 0.7137, 0.7137
CMYK	0.96, 0.00, 0.00, 0.71
HSL	180°, 92%, 15%
HSV	180°, 96%, 29%
XYZ	3.6227, 5.2655, 7.1287
YIQ	52.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

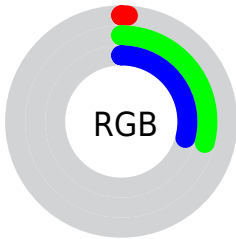
Format	Color
R_{YB}	3, 38, 73
Decimal	215369
CIE _{Lab}	27.48, -19.14, -5.65
CIE _{LCh}	27, 19.953, 196.438
Yxy	5.2655, 0.2262, 0.3287
Android (android.graphics.Color)	4278405449 (0xFF034949)
YUV	52.0700, 10.3185, -43.0344
Hunter-Lab	22.9466, -11.9760, -2.3567

Details

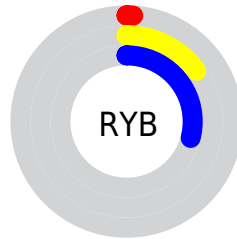
The Hex color **034949** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490303**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **407A79**, and **001E1D** is the 20% darker color. If you saturate the color by 10%, you get **004949**, and if you desaturate by 10%, it is **0A4949**.

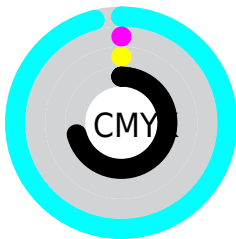
Distribution



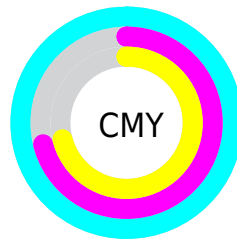
- Red (1%)
- Green (29%)
- Blue (29%)



- Red (1%)
- Yellow (15%)
- Blue (29%)



- Cyan (96%)
- Magenta (0%)
- Yellow (0%)
- Black (71%)



- Cyan (99%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 034949 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 034949 by changing the saturation by 10% instead.

 034949

 034949

FFFFFF

 003233

 407A79

 001E1D

 5A9493

 000003

 74AFAE

 000000

 8FCAC9

 AAE6E5

 C6FFFF

 E3FFFF

 034949

 034949

■ 004949

■ 0A4949

■ 124949

■ 194949

■ 204949

■ 284949

■ 2F4949

■ 364949

■ 3D4949

■ 454949

Harmonies

Analogous

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



1D4939



034949



004857

Triad

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



034949



4D3A56



513E23

Complementary

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



034949



490303

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.



5B382B



034949



5A3648

Square

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



034949



383F5E



5F3539



424323

Rectangle

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



034949



13465D



5F3539



553C25

Sweetspot

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



034949



435E5E



034903



1F3030



B0B0B0



303030

Same Dimension

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



034949



005E5E



032649



202424



006363



00E3E3

Inverse Universe

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



490349



5E005E



492603



242024



630063



E300E3

Previews

White Background



This preview shows how the Hex color 034949 looks on a white background.

Color Contrast Check

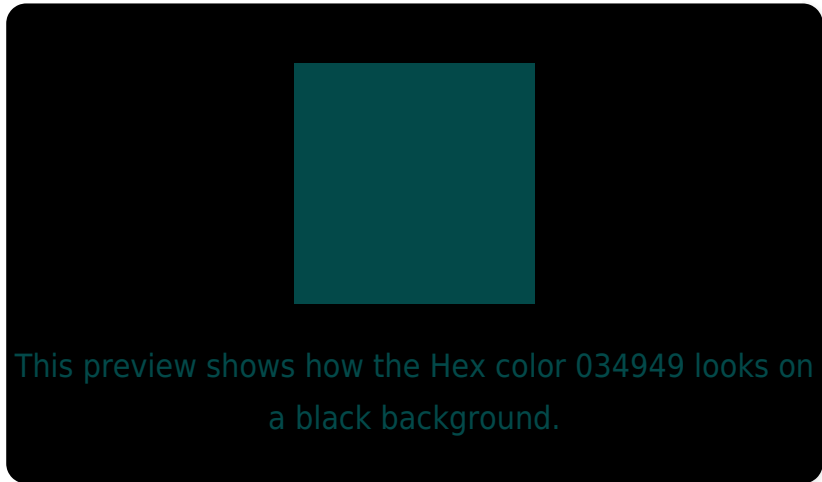
Large Text (above 18pt) WCAG AA ✓ Pass

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 034949 Background



This preview shows how black text looks on a background with the Hex color 034949.



This preview shows how white text looks on a background with the Hex color 034949.

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
034949

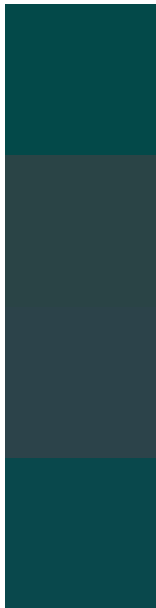
Protanopia
414144

Deuteranopia
43404B



Tritanopia
0D484E

Trichromacy



Original Color
034949

Protanomaly
2A4446

Deuteranomaly
2C434A

Tritanomaly
09484C

Monochromacy



Original Color
034949

Achromatopsia
343434

Achromatomaly
223C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 034949 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 #034949 looks like.

```
.text, #text, p{  
    color:#034949  
}
```

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 #034949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034949
}
```

Border

The CSS property to change the border of an element to Hex 034949 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
#034949 }
```

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

```
.border{ border-color:#034949 }
```

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

Here you see how a box with a 4 pixel #034949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034949; -webkit-box-shadow:4px 4px  
4px 4px #034949; box-shadow:4px 4px 4px  
4px #034949 }
```

Background

The CSS property to change the background color of an element to Hex 034949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034949 }
```

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

```
.background{ background-color:#034949 }
```

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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