

Converting Colors

Hex(034655)

Have a look what the booklet for
Hex(034655) contains.

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Color

Hex(034655)

Conversions

Conversions Part 1

Format	Color
Hex	034655
RGB	3, 70, 85
RGB Percent	1%, 27%, 33%
CMY	0.9882, 0.7255, 0.6667
CMYK	0.96, 0.18, 0.00, 0.67
HSL	191°, 93%, 17%
HSV	191°, 96%, 33%
XYZ	3.8674, 5.0556, 9.3663
YIQ	51.6770, -44.7470, -9.5390

Conversions

Conversions Part 2

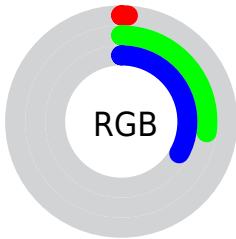
Format	Color
R_{YB}	3, 40, 85
Decimal	214613
CIE _{Lab}	26.89, -12.91, -14.34
CIE _{LCh}	27, 19.289, 228.001
Yxy	5.0556, 0.2115, 0.2764
Android (android.graphics.Color)	4278404693 (0xFF034655)
YUV	51.6770, 16.4282, -42.6897
Hunter-Lab	22.4846, -8.6455, -8.9590

Details

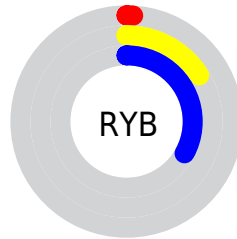
The Hex color **034655** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **551203**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **417687**, and **001B28** is the 20% darker color. If you saturate the color by 10%, you get **004555**, and if you desaturate by 10%, it is **0C4855**.

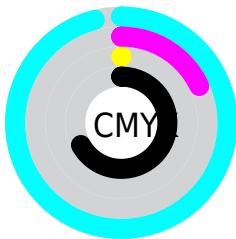
Distribution



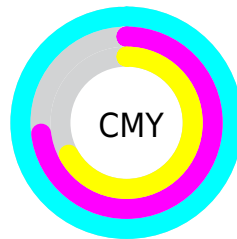
- Red (1%)
- Green (27%)
- Blue (33%)



- Red (1%)
- Yellow (16%)
- Blue (33%)



- Cyan (96%)
- Magenta (18%)
- Yellow (0%)
- Black (67%)



- Cyan (99%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 034655 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 034655 by changing the saturation by 10% instead.



034655



034655

FFFFFF



00303E



417687



001B28



5C90A1



000113



76ABBC



000000



91C6D8



ADE2F4



C9FFFF



E6FFFF



034655



034655

■ 004555

■ 0C4855

■ 144955

■ 1D4B55

■ 254C55

■ 2E4E55

■ 364F55

■ 3F5155

■ 475255

■ 4F5455

Harmonies

Analogous

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



054748



034655



1F435C

Triad

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



034655



583546



404123

Complementary

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



034655



551203

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.



4E3D23



034655



5C3437

Square

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



034655



4C3953



58382A



30452B

Rectangle

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



034655



31405D



58382A



454022

Sweetspot

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



034655



4E686E



035511



243538



B8B8B8



383838

Same Dimension

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



034655



005A6E



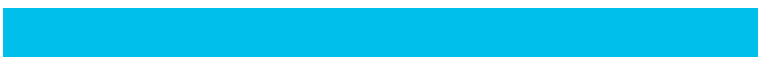
031E55



272B2B



00586B



00C0EB

Inverse Universe

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



550346



6E005A



553A03



2B272B



6B0058



EB00C0

Previews

White Background



This preview shows how the Hex color 034655 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

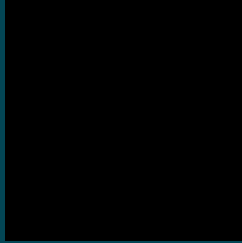
Any Text WCAG AA × Fail

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 034655 Background



This preview shows how black text looks on a background with the Hex color 034655.



This preview shows how white text looks on a background with the Hex color 034655.

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
034655

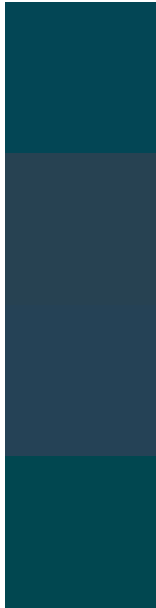
Protanopia
3C3F50

Deuteranopia
393F57



Tritanopia
00474D

Trichromacy



Original Color
034655

Protanomaly
274252

Deuteranomaly
254256

Tritanomaly
014750

Monochromacy



Original Color
034655

Achromatopsia
343434

Achromatomaly
223B40

CSS Examples

Text

The CSS property to change the color of the text to Hex 034655 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 #034655 looks like.

```
.text, #text, p{  
    color:#034655  
}
```

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 #034655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034655
}
```

Border

The CSS property to change the border of an element to Hex 034655 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
#034655 }
```

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

```
.border{ border-color:#034655 }
```

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

Here you see how a box with a 4 pixel #034655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034655; -webkit-box-shadow:4px 4px  
4px 4px #034655; box-shadow:4px 4px 4px  
4px #034655 }
```

Background

The CSS property to change the background color of an element to Hex 034655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034655 }
```

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

```
.background{ background-color:#034655 }
```

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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