

Converting Colors

Hex(033634)

Have a look what the booklet for
Hex(033634) contains.

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Color

Hex(033634)

Conversions

Conversions Part 1

Format	Color
Hex	033634
RGB	3, 54, 52
RGB Percent	1%, 21%, 20%
CMY	0.9882, 0.7882, 0.7961
CMYK	0.94, 0.00, 0.04, 0.79
HSL	178°, 89%, 11%
HSV	178°, 94%, 21%
XYZ	1.9766, 2.9056, 3.7055
YIQ	38.5230, -29.7540, -11.4340

Conversions

Conversions Part 2

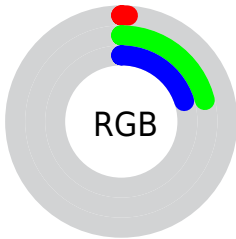
Format	Color
R_YB	3, 29, 54
Decimal	210484
CIE Lab	19.66, -16.22, -3.33
CIE LCh	20, 16.556, 191.591
Yxy	2.9056, 0.2302, 0.3383
Android (android.graphics.Color)	4278400564 (0xFF033634)
YUV	38.5230, 6.6442, -31.1537
Hunter-Lab	17.0459, -9.1324, -0.9565

Details

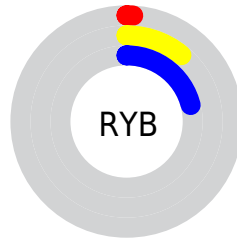
The Hex color **033634** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **360305**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **386562**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **003634**, and if you desaturate by 10%, it is **083634**.

Distribution



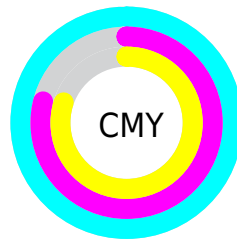
- Red (1%)
- Green (21%)
- Blue (20%)



- Red (1%)
- Yellow (11%)
- Blue (21%)



- Cyan (94%)
- Magenta (0%)
- Yellow (4%)
- Black (79%)



- Cyan (99%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033634 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 033634 by changing the saturation by 10% instead.

 033634


 033634

 F3FFFF

 00211F

 386562

 000007

 517E7B

 000000

 6A9895

 84B3B0

 9FCFCB

 BAEBE7

 D6FFFF

 033634

 033634

■ 003634

■ 083634

■ 0E3634

■ 133635

■ 193635

■ 1E3635

■ 233635

■ 293635

■ 2E3636

■ 343636

Harmonies

Analogous

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



163528



033634



00353F

Triad

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



033634



372B42



3E2C19

Complementary

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



033634



360305

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.



452820



033634



422737

Square

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



033634



252F47



47262B



333018

Rectangle

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



033634



063445



47262B



412B1B

Sweetspot

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



033634



334747



063603



182423



A3A3A3



242424

Same Dimension

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



033634



004745



031F36



191C1C



005C58



00DBD3

Inverse Universe

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



360305



470003



361A03



1C1919



5C0004



DB0009

Previews

White Background



This preview shows how the Hex color 033634 looks on a white background.

Color Contrast Check

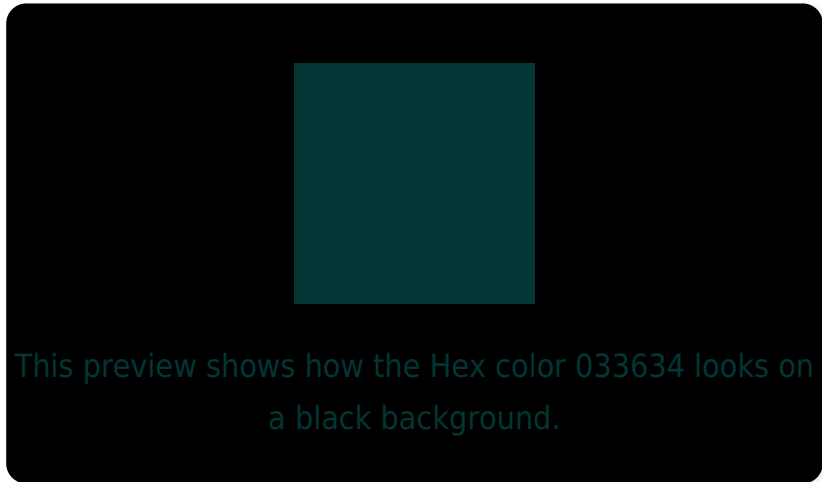
Large Text (above 18pt) WCAG AA ✓ Pass

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

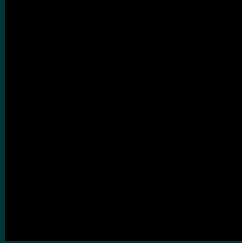
Any Text WCAG AA × Fail

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 033634 Background



This preview shows how black text looks on a background with the Hex color 033634.



This preview shows how white text looks on a background with the Hex color 033634.

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
033634

Protanopia
313030

Deuteranopia
322F36

Trichromacy



Original Color
033634

Protanomaly
203231

Deuteranomaly
213235

Tritanomaly
093537

Monochromacy



Original Color
033634

Achromatopsia
272727

Achromatomaly
1A2C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 033634 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 #033634 looks like.

```
.text, #text, p{  
    color:#033634  
}
```

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 #033634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033634
}
```

Border

The CSS property to change the border of an element to Hex 033634 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
#033634 }
```

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

```
.border{ border-color:#033634 }
```

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

Here you see how a box with a 4 pixel #033634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033634; -webkit-box-shadow:4px 4px  
4px 4px #033634; box-shadow:4px 4px 4px  
4px #033634 }
```

Background

The CSS property to change the background color of an element to Hex 033634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033634 }
```

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

```
.background{ background-color:#033634 }
```

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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