

Converting Colors

Hex(033335)

Have a look what the booklet for
Hex(033335) contains.

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Color

Hex(033335)

Conversions

Conversions Part 1

Format	Color
Hex	033335
RGB	3, 51, 53
RGB Percent	1%, 20%, 21%
CMY	0.9882, 0.8000, 0.7922
CMYK	0.94, 0.04, 0.00, 0.79
HSL	182°, 89%, 11%
HSV	182°, 94%, 21%
XYZ	1.8640, 2.6441, 3.7803
YIQ	36.8760, -29.2500, -9.5540

Conversions

Conversions Part 2

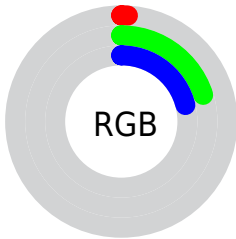
Format	Color
R_YB	3, 27, 53
Decimal	209717
CIE Lab	18.56, -14.12, -5.66
CIE LCh	19, 15.214, 201.852
Yxy	2.6441, 0.2249, 0.3190
Android (android.graphics.Color)	4278399797 (0xFF033335)
YUV	36.8760, 7.9491, -29.7093
Hunter-Lab	16.2605, -7.9941, -2.4014

Details

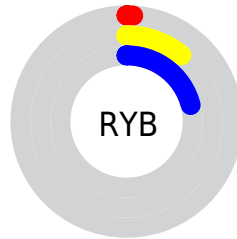
The Hex color **033335** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **350503**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **386263**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **003335**, and if you desaturate by 10%, it is **083335**.

Distribution



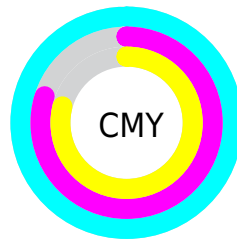
- Red (1%)
- Green (20%)
- Blue (21%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 033335 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 033335 by changing the saturation by 10% instead.

 033335

 033335

 F2FFFF

 001E20

 386263

 000008

 507B7C

 000000

 699496


 83AFB1

 9ECBCC

 BAE7E8

 D6FFFF

 033335

 033335

■ 003335

■ 083335

■ 0E3335

■ 133435

■ 183435

■ 1D3435

■ 233435

■ 283435

■ 2D3535

■ 333535

Harmonies

Analogous

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



11332A



033335



05323E

Triad

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



033335



38273B



372C17

Complementary

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



033335



350503

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.



3F281C



033335



412531

Square

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



033335



2A2B42



432526



2C2F18

Rectangle

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



033335



113042



432526



3A2A18

Sweetspot

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



033335



324445



033505



182324



A3A3A3



242424

Same Dimension

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



033335



004245



031A35



17191A



005659



00D0D9

Inverse Universe

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



350333



450042



351E03



1A1719



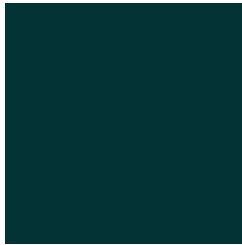
590056



D900D0

Previews

White Background



This preview shows how the Hex color 033335 looks on a white background.

Color Contrast Check

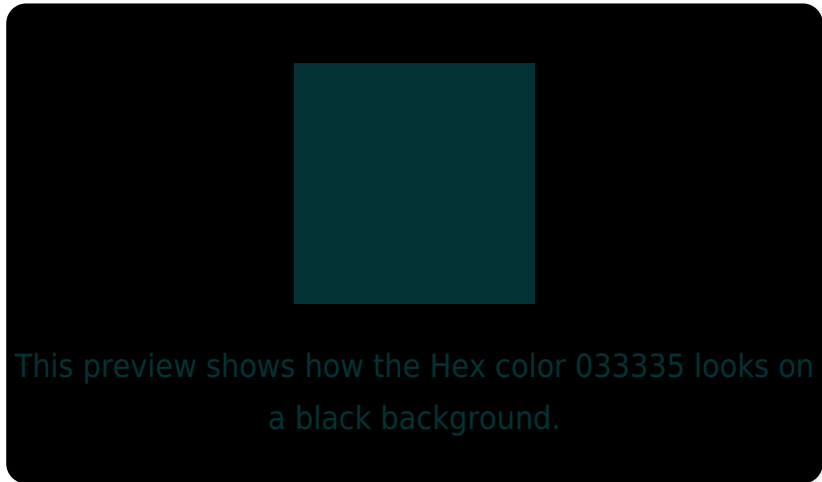
Large Text (above 18pt) WCAG AA ✓ Pass

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

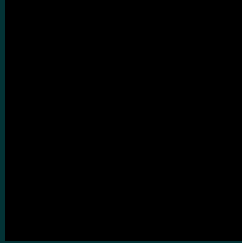
Any Text WCAG AA × Fail

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 033335 Background



This preview shows how black text looks on a background with the Hex color 033335.



This preview shows how white text looks on a background with the Hex color 033335.

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

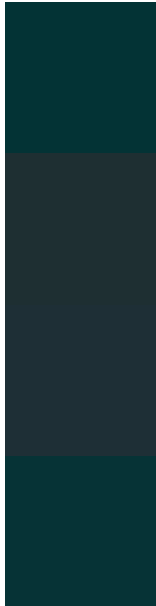


Original Color
033335

Protanopia
2D2D31

Deuteranopia
2E2D36

Trichromacy



Original Color
033335

Protanomaly
1E2F32

Deuteranomaly
1E2F36

Tritanomaly
063336

Monochromacy



Original Color
033335

Achromatopsia
252525

Achromatomaly
192A2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 033335 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 #033335 looks like.

```
.text, #text, p{  
    color:#033335  
}
```

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 #033335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033335
}
```

Border

The CSS property to change the border of an element to Hex 033335 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
#033335 }
```

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

```
.border{ border-color:#033335 }
```

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

Here you see how a box with a 4 pixel #033335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033335; -webkit-box-shadow:4px 4px  
4px 4px #033335; box-shadow:4px 4px 4px  
4px #033335 }
```

Background

The CSS property to change the background color of an element to Hex 033335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033335 }
```

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

```
.background{ background-color:#033335 }
```

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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