

Converting Colors

Hex(033420)

Have a look what the booklet for
Hex(033420) contains.

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Color

Hex(033420)

Conversions

Conversions Part 1

Format	Color
Hex	033420
RGB	3, 52, 32
RGB Percent	1%, 20%, 13%
CMY	0.9882, 0.7961, 0.8745
CMYK	0.94, 0.00, 0.38, 0.80
HSL	156°, 89%, 11%
HSV	156°, 94%, 20%
XYZ	1.5263, 2.5796, 1.7840
YIQ	35.0690, -22.7840, -16.6080

Conversions

Conversions Part 2

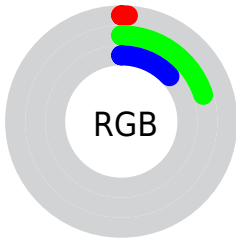
Format	Color
R_{YB}	3, 34, 52
Decimal	209952
CIE _{Lab}	18.27, -21.59, 8.30
CIE _{LCh}	18, 23.132, 158.980
Yxy	2.5796, 0.2591, 0.4380
Android (android.graphics.Color)	4278400032 (0xFF033420)
YUV	35.0690, -1.5130, -28.1245
Hunter-Lab	16.0612, -11.1447, 4.6573

Details

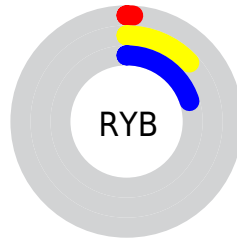
The Hex color **033420** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **340317**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **36634C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00341F**, and if you desaturate by 10%, it is **083422**.

Distribution



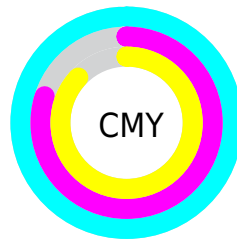
- Red (1%)
- Green (20%)
- Blue (13%)



- Red (1%)
- Yellow (13%)
- Blue (20%)



- Cyan (94%)
- Magenta (0%)
- Yellow (38%)
- Black (80%)



- Cyan (99%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033420 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 033420 by changing the saturation by 10% instead.

 033420

 033420

 EFFFFFF

 001F09

 36634C

 000000

 4E7C64

 67967D

 81B197

 9BCDB2

 B7E9CD

 D3FFE9

 033420

 033420

■ 00341F

■ 083422

■ 0D3424

■ 133426

■ 183428

■ 1D342B

■ 22342D

■ 27342F

■ 2D3431

■ 323433

Harmonies

Analogous

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



1F3211



033420



003531

Triad

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



033420



172D4E



492118

Complementary

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



033420



340317

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.



4B1E28



033420



342647

Square

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



033420



00324C



452039



40270C

Rectangle

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



033420



00353C



452039



4B201D

Sweetspot

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



033420



32453D



173403



18241F



A3A3A3



242424

Same Dimension

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



033420



004529



033034



171A18



005935



00D980

Inverse Universe

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



340317



45001C



340703



1A1718



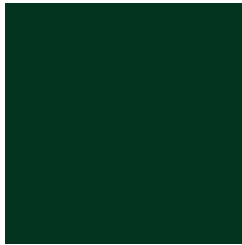
590024



D90058

Previews

White Background



This preview shows how the Hex color 033420 looks on a white background.

Color Contrast Check

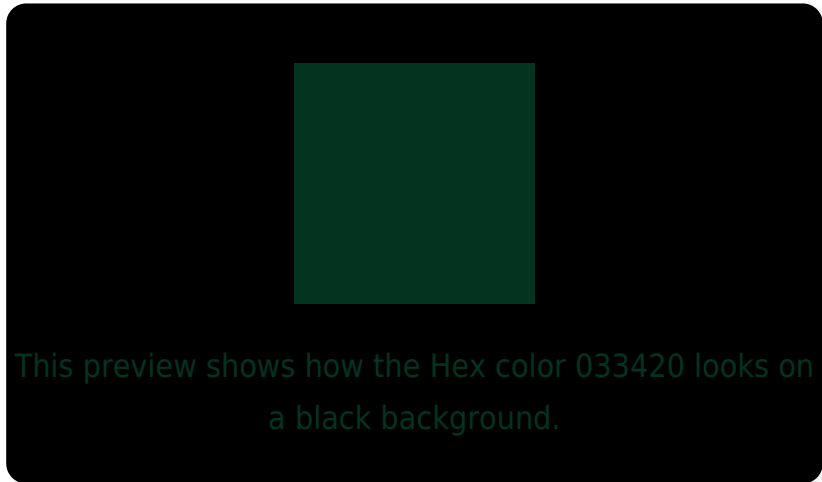
Large Text (above 18pt) WCAG AA ✓ Pass

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

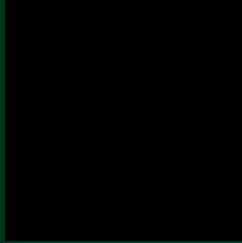
Any Text WCAG AA × Fail

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 033420 Background



This preview shows how black text looks on a background with the Hex color 033420.



This preview shows how white text looks on a background with the Hex color 033420.

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](#).

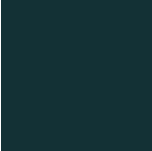
Dichromacy



Original Color
033420

Protanopia
312D1D

Deuteranopia
352B22



Tritanopia
133135

Trichromacy



Original Color
033420

Protanomaly
20301E

Deuteranomaly
232E21

Tritanomaly
0D322D

Monochromacy



Original Color
033420

Achromatopsia
232323

Achromatomaly
172922

CSS Examples

Text

The CSS property to change the color of the text to Hex 033420 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 #033420 looks like.

```
.text, #text, p{  
    color:#033420  
}
```

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 #033420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033420
}
```

Border

The CSS property to change the border of an element to Hex 033420 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
#033420 }
```

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

```
.border{ border-color:#033420 }
```

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

Here you see how a box with a 4 pixel #033420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033420; -webkit-box-shadow:4px 4px  
4px 4px #033420; box-shadow:4px 4px 4px  
4px #033420 }
```

Background

The CSS property to change the background color of an element to Hex 033420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033420 }
```

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

```
.background{ background-color:#033420 }
```

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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