

Converting Colors

Hex(033D1A)

Have a look what the booklet for
Hex(033D1A) contains.

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Color

Hex(033D1A)

Conversions

Conversions Part 1

Format	Color
Hex	033D1A
RGB	3, 61, 26
RGB Percent	1%, 24%, 10%
CMY	0.9882, 0.7608, 0.8980
CMYK	0.95, 0.00, 0.57, 0.76
HSL	144°, 91%, 13%
HSV	144°, 95%, 24%
XYZ	1.8927, 3.4314, 1.5399
YIQ	39.6680, -23.3330, -23.1810

Conversions

Conversions Part 2

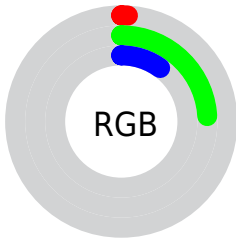
Format	Color
R_{YB}	3, 45, 61
Decimal	212250
CIE _{Lab}	21.69, -26.95, 16.63
CIE _{LCh}	22, 31.668, 148.332
Y _{xy}	3.4314, 0.2757, 0.4999
Android (android.graphics.Color)	4278402330 (0xFF033D1A)
YUV	39.6680, -6.7383, -32.1578
Hunter-Lab	18.5241, -14.1785, 8.0383

Details

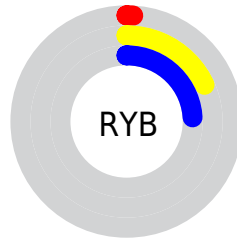
The Hex color **033D1A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3D0326**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **396D46**, and **000C00** is the 20% darker color. If you saturate the color by 10%, you get **003D18**, and if you desaturate by 10%, it is **093D1E**.

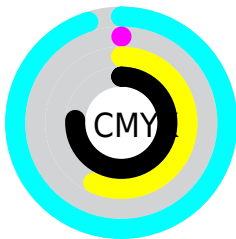
Distribution



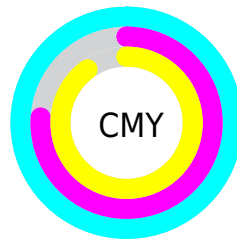
- Red (1%)
- Green (24%)
- Blue (10%)



- Red (1%)
- Yellow (18%)
- Blue (24%)



- Cyan (95%)
- Magenta (0%)
- Yellow (57%)
- Black (76%)



- Cyan (99%)
- Magenta (76%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033D1A 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 033D1A by changing the saturation by 10% instead.

 033D1A

 033D1A

 F5FFFF

 002701

 396D46

 000C00

 52875E

 000000

 6BA177

 85BC90

 A0D8AB

 BCF5C6

 D8FFE2

 033D1A

 033D1A

■ 003D18

■ 093D1E

■ 0F3D21

■ 153D25

■ 1B3D29

■ 213D2C

■ 283D30

■ 2E3D34

■ 343D37

■ 3A3D3B

Harmonies

Analogous

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



2A3905



033D1A



003F32

Triad

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



033D1A



003763



5D201F

Complementary

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



033D1A



3D0326

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.



5C1D36



033D1A



312E5D

Square

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



033D1A



003C5C



4F244D



52290A

Rectangle

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



033D1A



003F42



4F244D



5E1E27

Sweetspot

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



033D1A



384F41



273D03



1B2920



A8A8A8



292929

Same Dimension

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



033D1A



004F1F



033D36



1C1F1D



005E25



00DE58

Inverse Universe

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



3D0326



4F0030



3D030A



1F1C1D



5E0039



DE0086

Previews

White Background



This preview shows how the Hex color 033D1A looks on a white background.

Color Contrast Check

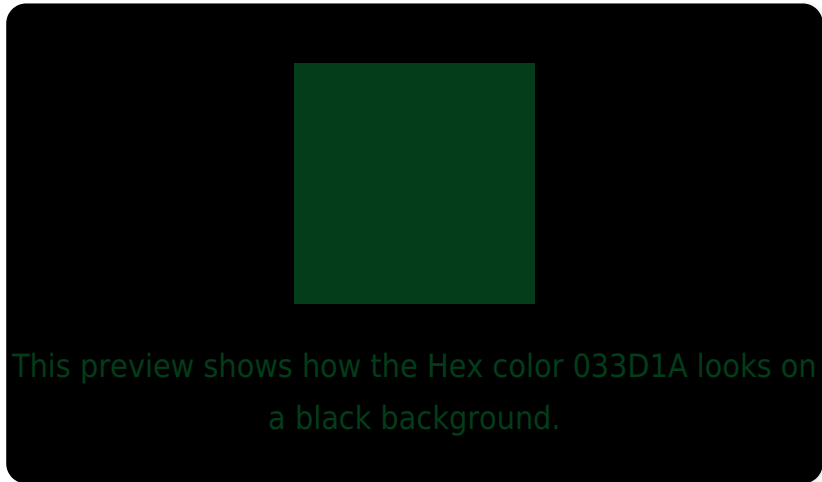
Large Text (above 18pt) WCAG AA ✓ Pass

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

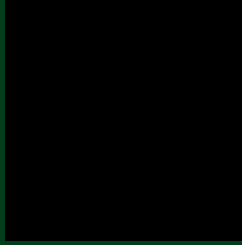
Any Text WCAG AA × Fail

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 033D1A Background



This preview shows how black text looks on a background with the Hex color 033D1A.



This preview shows how white text looks on a background with the Hex color 033D1A.

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](#).

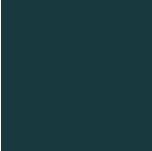
Dichromacy



Original Color
033D1A

Protanopia
3A3517

Deuteranopia
40321D



Tritanopia
18393E

Trichromacy



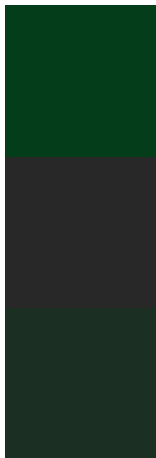
Original Color
033D1A

Protanomaly
263818

Deuteranomaly
2A361C

Tritanomaly
103A31

Monochromacy



Original Color
033D1A

Achromatopsia
282828

Achromatomaly
1B3023

CSS Examples

Text

The CSS property to change the color of the text to Hex 033D1A 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 #033D1A looks like.

```
.text, #text, p{  
    color:#033D1A  
}
```

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 #033D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033D1A
}
```

Border

The CSS property to change the border of an element to Hex 033D1A 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
#033D1A }
```

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

```
.border{ border-color:#033D1A }
```

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

Here you see how a box with a 4 pixel #033D1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033D1A; -webkit-box-shadow:4px 4px  
4px 4px #033D1A; box-shadow:4px 4px 4px  
4px #033D1A }
```

Background

The CSS property to change the background color of an element to Hex 033D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033D1A }
```

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

```
.background{ background-color:#033D1A }
```

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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