

Converting Colors

Hex(035B2A)

Have a look what the booklet for
Hex(035B2A) contains.

Hex(035B2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(035B2A)

Conversions

Conversions Part 1

Format	Color
Hex	035B2A
RGB	3, 91, 42
RGB Percent	1%, 36%, 16%
CMY	0.9882, 0.6431, 0.8353
CMYK	0.97, 0.00, 0.54, 0.64
HSL	147°, 94%, 18%
HSV	147°, 97%, 36%
XYZ	4.1966, 7.6687, 3.4495
YIQ	59.1020, -36.7190, -33.8950

Conversions

Conversions Part 2

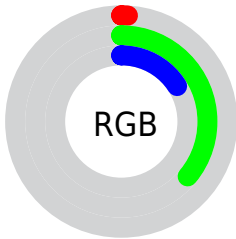
Format	Color
RYB	3, 64, 91
Decimal	219946
CIELab	33.28, -35.71, 21.69
CIELCh	33, 41.776, 148.727
Yxy	7.6687, 0.2740, 0.5007
Android (android.graphics.Color)	4278410026 (0xFF035B2A)
YUV	59.1020, -8.4313, -49.2015
Hunter-Lab	27.6924, -21.4115, 11.9992

Details

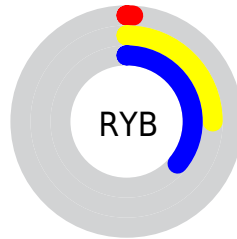
The Hex color **035B2A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5B0334**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **438E58**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **005B28**, and if you desaturate by 10%, it is **0C5B2F**.

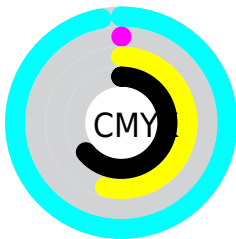
Distribution



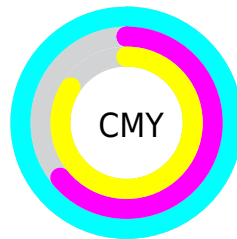
- Red (1%)
- Green (36%)
- Blue (16%)



- Red (1%)
- Yellow (25%)
- Blue (36%)



- Cyan (97%)
- Magenta (0%)
- Yellow (54%)
- Black (64%)



- Cyan (99%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 035B2A 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 035B2A by changing the saturation by 10% instead.

 035B2A

 035B2A

FFFFFF

 004314

 438E58

 002C00

 5EA971

 001400

 79C48B

 000000

 94E1A5

 B0FEC1

 CCFFDD

 E9FFF9

 035B2A

 035B2A

■ 005B28

■ 0C5B2F

■ 155B34

■ 1E5B39

■ 275B3E

■ 315B43

■ 3A5B48

■ 435B4D

■ 4C5B53

■ 555B58

Harmonies

Analogous

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



3F560C



035B2A



005D4C

Triad

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



035B2A



005391



883231

Complementary

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



035B2A



5B0334

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.



872D51



035B2A



4B4689

Square

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



035B2A



005A86



743771



793F14

Rectangle

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



035B2A



005E63



743771



892F3B

Sweetspot

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



035B2A



537562



355B03



263B2F



BABABA



3B3B3B

Same Dimension

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



035B2A



007534



035B55



292E2B



006E31



00ED69

Inverse Universe

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



5B0334



750041



5B0309



2E292C



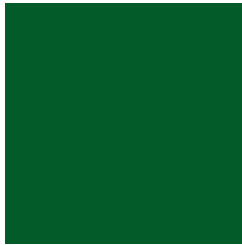
6E003D



ED0084

Previews

White Background



This preview shows how the Hex color 035B2A looks on a white background.

Color Contrast Check

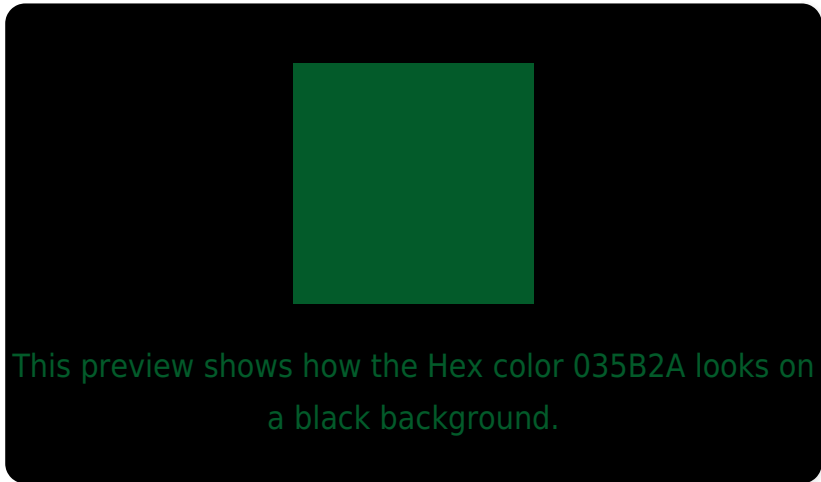
Large Text (above 18pt) WCAG AA ✓ Pass

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

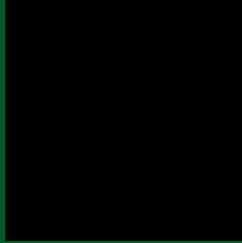
Any Text WCAG AA × Fail

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 035B2A Background



This preview shows how black text looks on a background with the Hex color 035B2A.



This preview shows how white text looks on a background with the Hex color 035B2A.

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
035B2A

Protanopia
574E26

Deuteranopia
5F4B2E

Trichromacy



Original Color
035B2A

Protanomaly
385327

Deuteranomaly
3E512D

Tritanomaly
17584A

Monochromacy



Original Color
035B2A

Achromatopsia
3B3B3B

Achromatomaly
274735

CSS Examples

Text

The CSS property to change the color of the text to Hex 035B2A 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 #035B2A looks like.

```
.text, #text, p{  
    color:#035B2A  
}
```

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 #035B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #035B2A
}
```

Border

The CSS property to change the border of an element to Hex 035B2A 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".

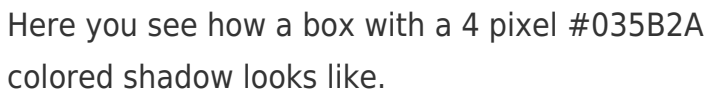
```
.border, #border, table{ border:4px solid
#035B2A }
```

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

```
.border{ border-color:#035B2A }
```

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

Here you see how a box with a 4 pixel #035B2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #035B2A; -webkit-box-shadow:4px 4px  
4px 4px #035B2A; box-shadow:4px 4px 4px  
4px #035B2A }
```

Background

The CSS property to change the background color of an element to Hex 035B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#035B2A }
```

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

```
.background{ background-color:#035B2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor