

# Converting Colors

Hex(03582B)

Have a look what the booklet for  
Hex(03582B) contains.

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**Color**

**Hex(03582B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03582B
RGB	3, 88, 43
RGB Percent	1%, 35%, 17%
CMY	0.9882, 0.6549, 0.8314
CMYK	0.97, 0.00, 0.51, 0.65
HSL	148°, 93%, 18%
HSV	148°, 97%, 35%
XYZ	3.9633, 7.1732, 3.4612
YIQ	57.4550, -36.2150, -32.0150

# Conversions

## Conversions Part 2

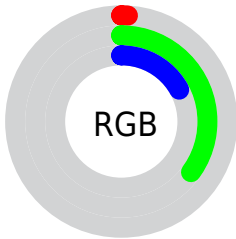
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 61, 88
Decimal	219179
CIE <sub>Lab</sub>	32.20, -34.37, 19.74
CIE <sub>LCh</sub>	32, 39.634, 150.121
Yxy	7.1732, 0.2715, 0.4914
Android (android.graphics.Color)	4278409259 (0xFF03582B)
YUV	57.4550, -7.1263, -47.7570
Hunter-Lab	26.7829, -20.4557, 11.0859

# Details

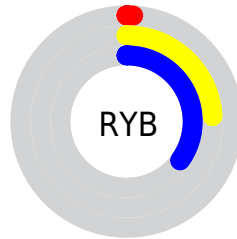
The Hex color **03582B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **580330**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **428B59**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **005829**, and if you desaturate by 10%, it is **0C5830**.

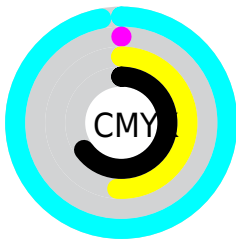
# Distribution



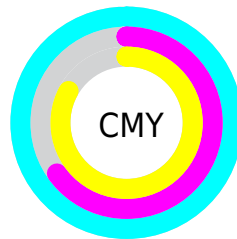
- Red (1%)
- Green (35%)
- Blue (17%)



- Red (1%)
- Yellow (24%)
- Blue (35%)



- Cyan (97%)
- Magenta (0%)
- Yellow (51%)
- Black (65%)



- Cyan (99%)
- Magenta (65%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03582B 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 03582B by changing the saturation by 10% instead.



 03582B

 03582B

FFFFFF

 004016

 428B59

 002A00

 5DA672

 000E00

 77C18C

 000000

 93DDA6

 AEFAC1

 CAFFDD

 E7FFFA

 03582B

 03582B

■ 005829

■ 0C5830

■ 155834

■ 1D5839

■ 26583E

■ 2F5842

■ 385847

■ 41584C

■ 495850

■ 525855

# Harmonies

## Analogous

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



3C530F



03582B



005A4B

# Triad

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



03582B



004F8A



82322E

# Complementary

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



03582B



580330

# 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.



822D4D



03582B



4B4382

# Square

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



03582B



005781



71356B



733E14

# Rectangle

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



03582B



005A60



71356B



842F38



# Sweetspot

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



03582B



517361



305803



263B30



BABABA



3B3B3B



# Same Dimension

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



03582B



007336



035855



272B29



006B32



00EB6E



# Inverse Universe

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



580330



73003D



580306



2B2729



6B0039

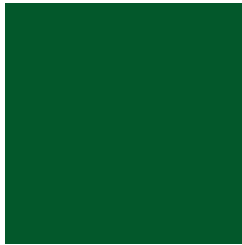


EB007C



# Previews

## White Background



This preview shows how the Hex color 03582B looks on a white background.

## Color Contrast Check

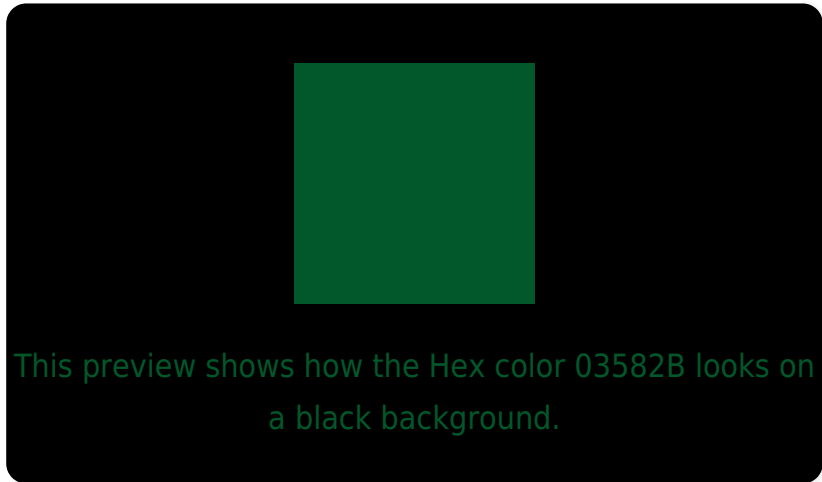
Large Text (above 18pt) WCAG AA ✓ Pass

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

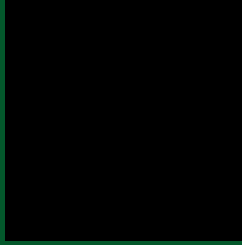
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 03582B Background



This preview shows how black text looks on a background with the Hex color 03582B.



This preview shows how white text looks on a background with the Hex color 03582B.

# 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](#).

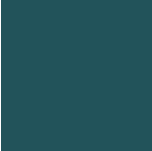
## Dichromacy



**Original Color**  
03582B

**Protanopia**  
544C27

**Deuteranopia**  
5C482F



**Tritanopia**  
22535A

# Trichromacy



**Original Color**  
03582B

**Protanomaly**  
375028

**Deuteranomaly**  
3C4E2E

**Tritanomaly**  
175549

# Monochromacy



**Original Color**  
03582B

**Achromatopsia**  
393939

**Achromatomaly**  
254434

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03582B 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 #03582B looks like.

```
.text, #text, p{  
    color:#03582B  
}
```

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 #03582B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03582B
}
```

## Border

The CSS property to change the border of an element to Hex 03582B 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
#03582B }
```

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

```
.border{ border-color:#03582B }
```

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

Here you see how a box with a 4 pixel #03582B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03582B; -webkit-box-shadow:4px 4px  
4px 4px #03582B; box-shadow:4px 4px 4px  
4px #03582B }
```

# Background

The CSS property to change the background color of an element to Hex 03582B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03582B }
```

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

```
.background{ background-color:#03582B }
```

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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