

Converting Colors

Hex(00582F)

Have a look what the booklet for
Hex(00582F) contains.

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Color

Hex(00582F)

Conversions

Conversions Part 1

Format	Color
Hex	00582F
RGB	0, 88, 47
RGB Percent	0%, 35%, 18%
CMY	1.0000, 0.6549, 0.8157
CMYK	1.00, 0.00, 0.47, 0.65
HSL	152°, 100%, 17%
HSV	152°, 100%, 35%
XYZ	4.0028, 7.1847, 3.8651
YIQ	57.0140, -39.2870, -31.4070

Conversions

Conversions Part 2

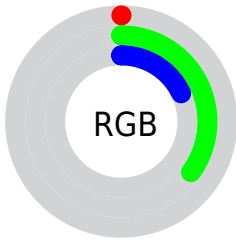
Format	Color
RYB	0, 57, 88
Decimal	22575
CIELab	32.22, -33.90, 17.41
CIELCh	32, 38.113, 152.812
Yxy	7.1847, 0.2659, 0.4773
Android (android.graphics.Color)	4278212655 (0xFF00582F)
YUV	57.0140, -4.9369, -50.0013
Hunter-Lab	26.8043, -20.2512, 10.2134

Details

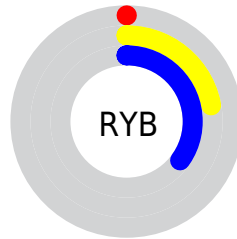
The Hex color **00582F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **580029**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **418B5E**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **00582F**, and if you desaturate by 10%, it is **095833**.

Distribution



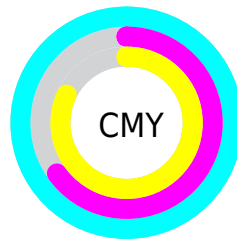
- Red (0%)
- Green (35%)
- Blue (18%)



- Red (0%)
- Yellow (22%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (65%)




- Cyan (100%)
- Magenta (65%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00582F 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 00582F by changing the saturation by 10% instead.

 00582F

 00582F

FFFFFF

 00401A

 418B5E

 002A00

 5CA676

 000F00

 76C190

 000000

 91DDAB

 ADFAC6

 C9FFE2

 E6FFFF

 00582F

■ 095833

■ 125837

■ 1A583B

■ 23583F

■ 2C5844

■ 355848

■ 3E584C

■ 465850

■ 4F5854

Harmonies

Analogous

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



3A5315



00582F



005A4E

Triad

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



00582F



004E88



7F342D

Complementary

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



00582F



580029

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.



812F4A



00582F



50437E

Square

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



00582F



005681



723668



704015

Rectangle

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



00582F



005A62



723668



823136

Sweetspot

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



00582F



507363



295800



263B31



BABABA



3B3B3B

Same Dimension

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



00582F



00733D



005558



272B29



006B39



00EB7D

Inverse Universe

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



580029



730035



580300



2B2729



6B0032



EB006D

Previews

White Background



This preview shows how the Hex color 00582F looks on a white background.

Color Contrast Check

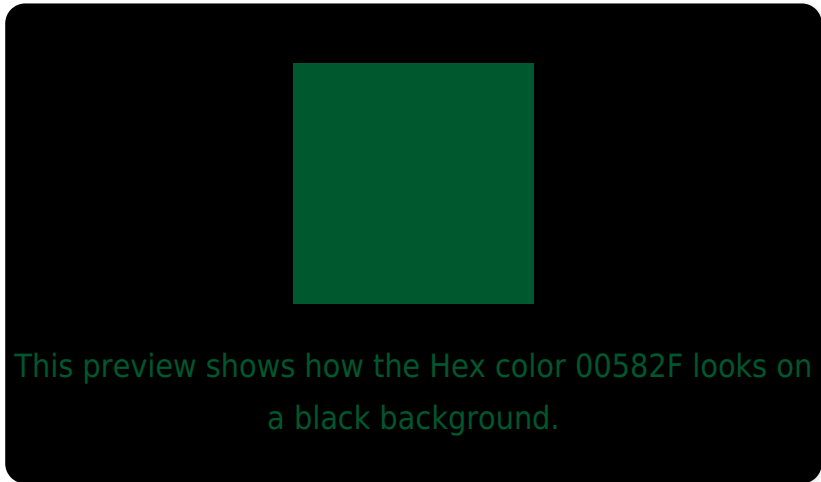
Large Text (above 18pt) WCAG AA ✓ Pass

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 00582F Background



This preview shows how black text looks on a background with the Hex color 00582F.



This preview shows how white text looks on a background with the Hex color 00582F.

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
00582F

Protanopia
534C2B

Deuteranopia
5B4933

Trichromacy



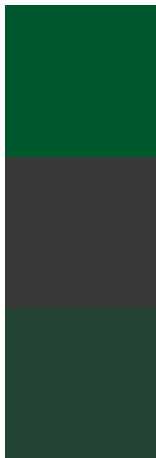
Original Color
00582F

Protanomaly
35502C

Deuteranomaly
3A4E32

Tritanomaly
15554A

Monochromacy



Original Color
00582F

Achromatopsia
393939

Achromatomaly
244435

CSS Examples

Text

The CSS property to change the color of the text to Hex 00582F 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 #00582F looks like.

```
.text, #text, p{  
    color:#00582F  
}
```

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 #00582F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00582F
}
```

Border

The CSS property to change the border of an element to Hex 00582F 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
#00582F }
```

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

```
.border{ border-color:#00582F }
```

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

Here you see how a box with a 4 pixel #00582F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00582F; -webkit-box-shadow:4px 4px  
4px 4px #00582F; box-shadow:4px 4px 4px  
4px #00582F }
```

Background

The CSS property to change the background color of an element to Hex 00582F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00582F }
```

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

```
.background{ background-color:#00582F }
```

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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