

Converting Colors

Hex(00532B)

Have a look what the booklet for
Hex(00532B) contains.

Hex(00532B)	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(00532B)

Conversions

Conversions Part 1

Format	Color
Hex	00532B
RGB	0, 83, 43
RGB Percent	0%, 33%, 17%
CMY	1.0000, 0.6745, 0.8314
CMYK	1.00, 0.00, 0.48, 0.67
HSL	151°, 100%, 16%
HSV	151°, 100%, 33%
XYZ	3.5293, 6.3609, 3.3273
YIQ	53.6230, -36.6280, -30.0360

Conversions

Conversions Part 2

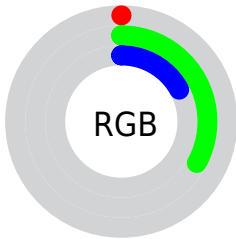
Format	Color
RYB	0, 55, 83
Decimal	21291
CIELab	30.31, -32.78, 17.31
CIELCh	30, 37.072, 152.166
Yxy	6.3609, 0.2670, 0.4813
Android (android.graphics.Color)	4278211371 (0xFF00532B)
YUV	53.6230, -5.2371, -47.0274
Hunter-Lab	25.2209, -19.1580, 9.8328

Details

The Hex color **00532B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **530028**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **3F8559**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **00532B**, and if you desaturate by 10%, it is **08532F**.

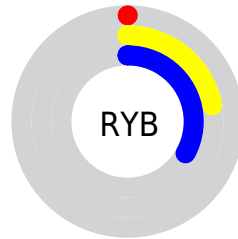
Distribution



Red (0%)

Green (33%)

Blue (17%)



Red (0%)

Yellow (22%)

Blue (33%)

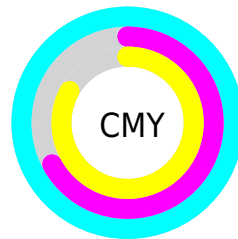


Cyan (100%)

Magenta (0%)

Yellow (48%)

Black (67%)



Cyan (100%)

Magenta (67%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00532B 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 00532B by changing the saturation by 10% instead.

 00532B

 00532B

FFFFFF

 003B16

 3F8559

 002600

 59A072

 000200

 74BB8B

 000000

 8FD7A6

 AAF4C1

 C6FFDD

 E3FFFA

 00532B

■ 08532F

■ 115333

■ 195337

■ 21533B

■ 29533F

■ 325343

■ 3A5347

■ 42534B

■ 4B534F

Harmonies

Analogous

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



374E12



00532B



005549

Triad

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



00532B



004A81



79302A

Complementary

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



00532B



530028

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.



7A2B46



00532B



4A3F78

Square

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



00532B



00517A



6C3263



6B3C13

Rectangle

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



00532B



00555C



6C3263



7B2D33

Sweetspot

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



00532B



4B6B5C



285300



22362C



B5B5B5



363636

Same Dimension

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



00532B



006B37



005253



252927



006936



00E878

Inverse Universe

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



530028



6B0034



530100



292527



690032



E80070

Previews

White Background



This preview shows how the Hex color 00532B looks on a white background.

Color Contrast Check

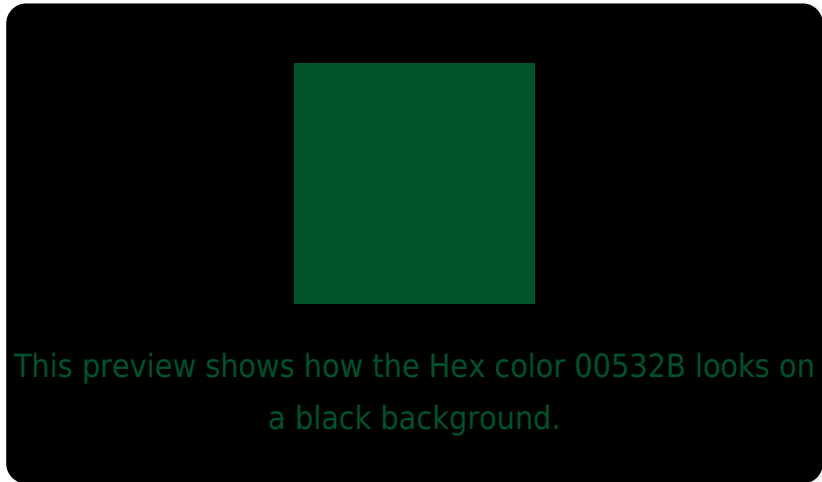
Large Text (above 18pt) WCAG AA ✓ Pass

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 00532B Background



This preview shows how black text looks on a background with the Hex color 00532B.



This preview shows how white text looks on a background with the Hex color 00532B.

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
00532B

Protanopia
4F4827

Deuteranopia
56442F



Tritanopia
1F4E55

Trichromacy



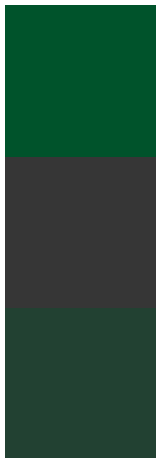
Original Color
00532B

Protanomaly
324C28

Deuteranomaly
37492E

Tritanomaly
145046

Monochromacy



Original Color
00532B

Achromatopsia
363636

Achromatomaly
224132

CSS Examples

Text

The CSS property to change the color of the text to Hex 00532B 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 #00532B looks like.

```
.text, #text, p{  
    color:#00532B  
}
```

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 #00532B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00532B
}
```

Border

The CSS property to change the border of an element to Hex 00532B 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
#00532B }
```

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

```
.border{ border-color:#00532B }
```

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

Here you see how a box with a 4 pixel #00532B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00532B; -webkit-box-shadow:4px 4px  
4px 4px #00532B; box-shadow:4px 4px 4px  
4px #00532B }
```

Background

The CSS property to change the background color of an element to Hex 00532B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00532B }
```

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

```
.background{ background-color:#00532B }
```

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