

Converting Colors

Hex(005D32)

Have a look what the booklet for
Hex(005D32) contains.

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Color

Hex(005D32)

Conversions

Conversions Part 1

Format	Color
Hex	005D32
RGB	0, 93, 50
RGB Percent	0%, 36%, 20%
CMY	1.0000, 0.6353, 0.8039
CMYK	1.00, 0.00, 0.46, 0.64
HSL	152°, 100%, 18%
HSV	152°, 100%, 36%
XYZ	4.4901, 8.0590, 4.3365
YIQ	60.2910, -41.6250, -33.0890

Conversions

Conversions Part 2

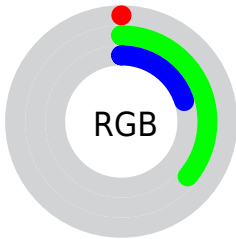
Format	Color
RYB	0, 60, 93
Decimal	23858
CIELab	34.11, -35.22, 18.09
CIELCh	34, 39.596, 152.818
Yxy	8.0590, 0.2659, 0.4773
Android (android.graphics.Color)	4278213938 (0xFF005D32)
YUV	60.2910, -5.0735, -52.8752
Hunter-Lab	28.3884, -21.4470, 10.8149

Details

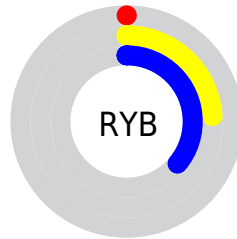
The Hex color **005D32** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5D002B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **439061**, and **002E05** is the 20% darker color. If you saturate the color by 10%, you get **005D32**, and if you desaturate by 10%, it is **095D36**.

Distribution



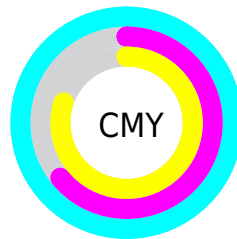
- Red (0%)
- Green (36%)
- Blue (20%)



- Red (0%)
- Yellow (24%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005D32 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 005D32 by changing the saturation by 10% instead.

005D32

005D32

FFFFFF

00451C

439061

002E05

5EAB7A

001700

78C794

000000

94E3AE

B0FFCA

CCFFE6

E9FFFF

005D32

■ 095D36

■ 135D3B

■ 1C5D3F

■ 255D43

■ 2F5D48

■ 385D4C

■ 415D50

■ 4A5D54

■ 545D59

Harmonies

Analogous

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



3D5816



005D32



005F52

Triad

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



005D32



00538F



863730

Complementary

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



005D32



5D002B

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.



88324F



005D32



544785

Square

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



005D32



005B88



78396D



774416

Rectangle

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



005D32



005F68



78396D



89343A

Sweetspot

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



005D32



547867



2B5D00



273D33



BDBDBD



3D3D3D

Same Dimension

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



005D32



007840



005A5D



292E2C



006E3B



00ED80

Inverse Universe

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



5D002B



780037



5D0300



2E292B



6E0033



ED006E

Previews

White Background



This preview shows how the Hex color 005D32 looks on a white background.

Color Contrast Check

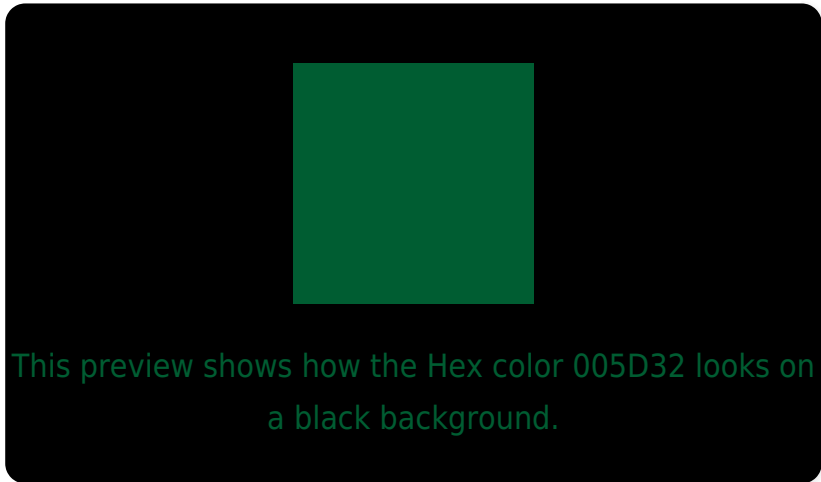
Large Text (above 18pt) WCAG AA ✓ Pass

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

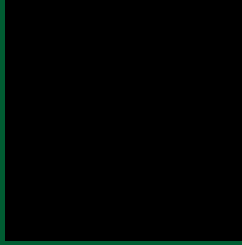
Any Text WCAG AA × Fail

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 005D32 Background



This preview shows how black text looks on a background with the Hex color 005D32.

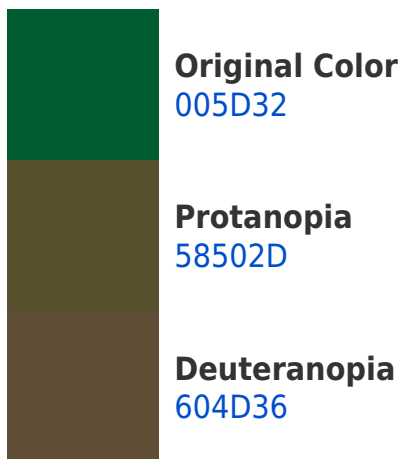


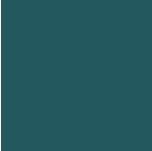
This preview shows how white text looks on a background with the Hex color 005D32.

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





Tritanopia
23585F

Trichromacy



Original Color
005D32



Protanomaly
38552F



Deuteranomaly
3D5335



Tritanomaly
165A4F

Monochromacy



Original Color
005D32



Achromatopsia
3C3C3C



Achromatomaly
264838

CSS Examples

Text

The CSS property to change the color of the text to Hex 005D32 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 #005D32 looks like.

```
.text, #text, p{  
    color:#005D32  
}
```

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 #005D32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005D32
}
```

Border

The CSS property to change the border of an element to Hex 005D32 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
#005D32 }
```

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

```
.border{ border-color:#005D32 }
```

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

Here you see how a box with a 4 pixel #005D32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005D32; -webkit-box-shadow:4px 4px  
4px 4px #005D32; box-shadow:4px 4px 4px  
4px #005D32 }
```

Background

The CSS property to change the background color of an element to Hex 005D32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005D32 }
```

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

```
.background{ background-color:#005D32 }
```

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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