

Converting Colors

Hex(005332)

Have a look what the booklet for
Hex(005332) contains.

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Color

Hex(005332)

Conversions

Conversions Part 1

Format	Color
Hex	005332
RGB	0, 83, 50
RGB Percent	0%, 33%, 20%
CMY	1.0000, 0.6745, 0.8039
CMYK	1.00, 0.00, 0.40, 0.67
HSL	156°, 100%, 16%
HSV	156°, 100%, 33%
XYZ	3.6690, 6.4168, 4.0628
YIQ	54.4210, -38.8750, -27.8590

Conversions

Conversions Part 2

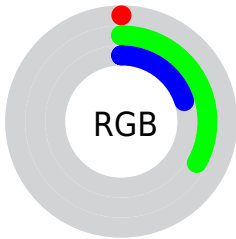
Format	Color
RYB	0, 52, 83
Decimal	21298
CIELab	30.44, -31.19, 13.24
CIELCh	30, 33.886, 157.005
Yxy	6.4168, 0.2593, 0.4535
Android (android.graphics.Color)	4278211378 (0xFF005332)
YUV	54.4210, -2.1796, -47.7272
Hunter-Lab	25.3314, -18.4762, 8.2227

Details

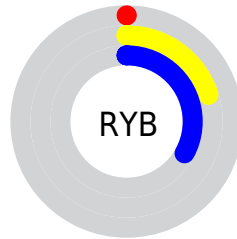
The Hex color **005332** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **530021**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **3F8561**, and **002604** is the 20% darker color. If you saturate the color by 10%, you get **005332**, and if you desaturate by 10%, it is **085335**.

Distribution



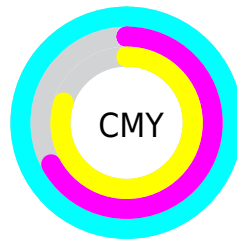
- Red (0%)
- Green (33%)
- Blue (20%)



- Red (0%)
- Yellow (20%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005332 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 005332 by changing the saturation by 10% instead.

 005332

 005332

FFFFFF

 003B1D

 3F8561

 002604

 59A079

 000300

 74BB93

 000000

 8FD7AE

 AAF4C9

 C6FFE5

 E3FFFF

 005332

■ 085335

■ 115339

■ 19533C

■ 21533F

■ 295342

■ 325346

■ 3A5349

■ 42534C

■ 4B5350

Harmonies

Analogous

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



344F1B



005332



00544D

Triad

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



005332



1C497C



743529

Complementary

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



005332



530021

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.



782F43



005332



513E72

Square

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



005332



005078



6C335D



663F16

Rectangle

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



005332



00545F



6C335D



773231

Sweetspot

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



005332



4B6B5E



215300



22362E



B5B5B5



363636

Same Dimension

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



005332



006B41



004B53



252927



00693F



00E88C

Inverse Universe

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



530021



6B002B



530800



292526



69002A



E8005C

Previews

White Background



This preview shows how the Hex color 005332 looks on a white background.

Color Contrast Check

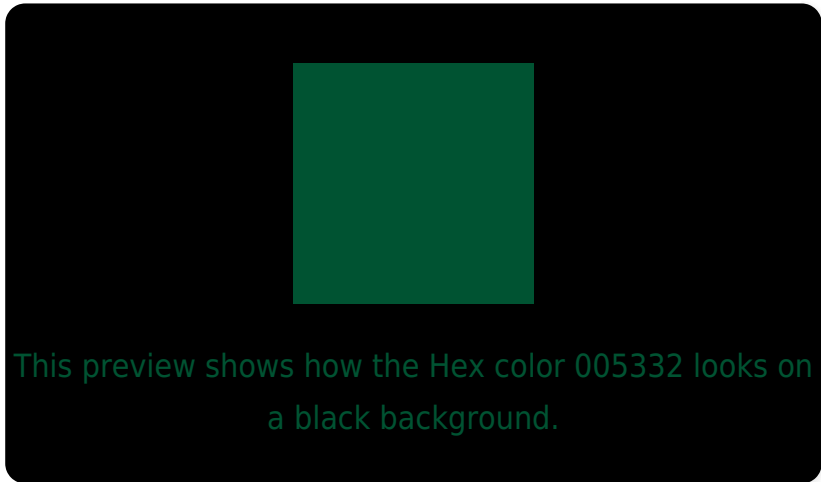
Large Text (above 18pt) WCAG AA ✓ Pass

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

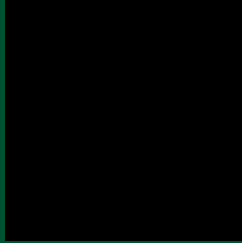
Any Text WCAG AA × Fail

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 005332 Background



This preview shows how black text looks on a background with the Hex color 005332.



This preview shows how white text looks on a background with the Hex color 005332.

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
005332

Protanopia
4E482E

Deuteranopia
554535



Tritanopia
1E4F55

Trichromacy



Original Color
005332

Protanomaly
324C2F

Deuteranomaly
364A34

Tritanomaly
135048

Monochromacy



Original Color
005332

Achromatopsia
363636

Achromatomaly
224135

CSS Examples

Text

The CSS property to change the color of the text to Hex 005332 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 #005332 looks like.

```
.text, #text, p{  
    color:#005332  
}
```

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 #005332 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005332
}
```

Border

The CSS property to change the border of an element to Hex 005332 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
#005332 }
```

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

```
.border{ border-color:#005332 }
```

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

Here you see how a box with a 4 pixel #005332 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005332; -webkit-box-shadow:4px 4px  
4px 4px #005332; box-shadow:4px 4px 4px  
4px #005332 }
```

Background

The CSS property to change the background color of an element to Hex 005332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005332 }
```

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

```
.background{ background-color:#005332 }
```

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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