

Converting Colors

Hex(007333)

Have a look what the booklet for
Hex(007333) contains.

Hex(007333)	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(007333)

Conversions

Conversions Part 1

Format	Color
Hex	007333
RGB	0, 115, 51
RGB Percent	0%, 45%, 20%
CMY	1.0000, 0.5490, 0.8000
CMYK	1.00, 0.00, 0.56, 0.55
HSL	147°, 100%, 23%
HSV	147°, 100%, 45%
XYZ	6.7283, 12.5005, 5.1902
YIQ	73.3190, -47.9960, -44.2840

Conversions

Conversions Part 2

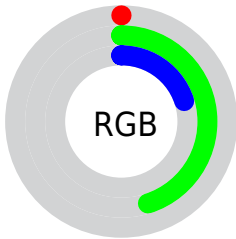
Format	Color
RYB	0, 80, 115
Decimal	29491
CIELab	42.00, -43.17, 27.48
CIELCh	42, 51.175, 147.515
Yxy	12.5005, 0.2755, 0.5119
Android (android.graphics.Color)	4278219571 (0xFF007333)
YUV	73.3190, -11.0033, -64.3008
Hunter-Lab	35.3560, -27.9044, 16.0456

Details

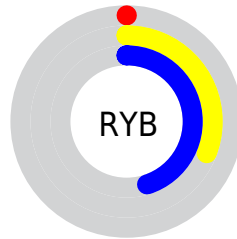
The Hex color **007333** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **730040**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4BA863**, and **004104** is the 20% darker color. If you saturate the color by 10%, you get **007333**, and if you desaturate by 10%, it is **0B7339**.

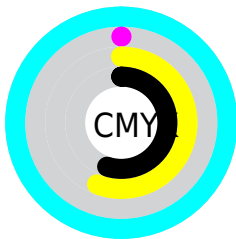
Distribution



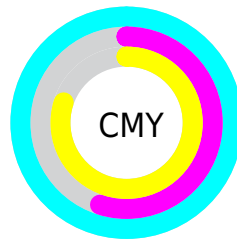
- Red (0%)
- Green (45%)
- Blue (20%)



- Red (0%)
- Yellow (31%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007333 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 007333 by changing the saturation by 10% instead.

 007333

 007333

FFFFFF

 005A1C

 4BA863

 004104

 67C47C

 002B00

 82E097

 000D00

 9FFDB2

 000000

 BBFFCD

 D8FFEA

 F5FFFF

 007333

 0B7339


 177340

 237346

 2E734D

 3A7353

 457359

 517360

 5C7366

 68736D

Harmonies

Analogous

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



516C09



007333



00765E

Triad

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



007333



0069B8



AC3D3F

Complementary

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



007333



730040

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.



AB3868



007333



5B59AE

Square

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



007333



0073AA



924691



9A4F19

Rectangle

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



007333



00777B



924691



AE394C

Sweetspot

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



007333



69967D



417300



314D3D



CCCCCC



4D4D4D

Same Dimension

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



007333



009643



00736B



353B37



007A36



00FA6F

Inverse Universe

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



730040



960054



730008



3B3538



7A0044



FA008B

Previews

White Background



This preview shows how the Hex color 007333 looks on a white background.

Color Contrast Check

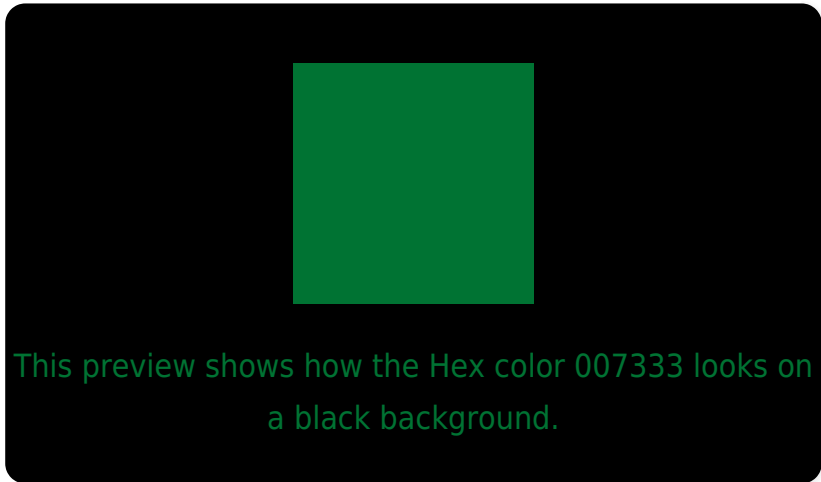
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 007333 Background



This preview shows how black text looks on a background with the Hex color 007333.



This preview shows how white text looks on a background with the Hex color 007333.

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
007333

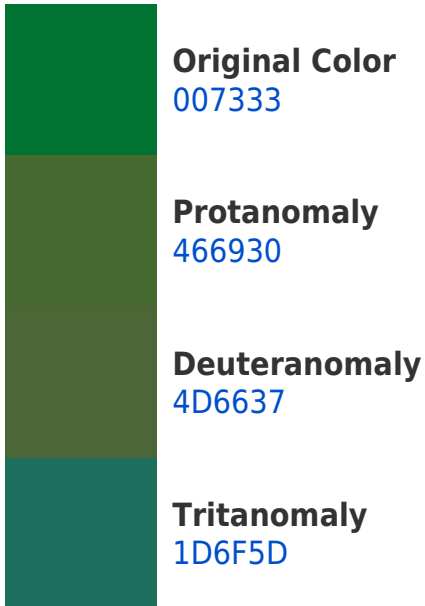
Protanopia
6E632E

Deuteranopia
795E39

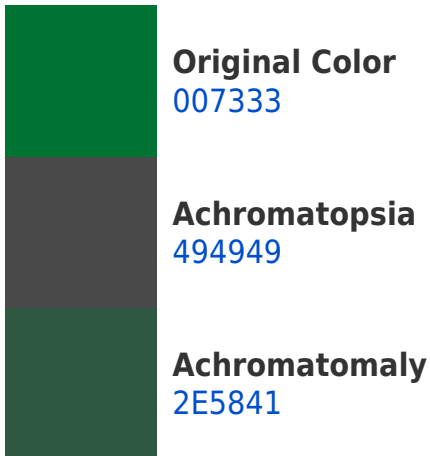


Tritanopia
2D6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007333 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 #007333 looks like.

```
.text, #text, p{  
    color:#007333  
}
```

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 #007333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007333  
}
```

Border

The CSS property to change the border of an element to Hex 007333 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  
#007333 }
```

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

```
.border{ border-color:#007333 }
```

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

Here you see how a box with a 4 pixel #007333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007333; -webkit-box-shadow:4px 4px  
4px 4px #007333; box-shadow:4px 4px 4px  
4px #007333 }
```

Background

The CSS property to change the background color of an element to Hex 007333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007333 }
```

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

```
.background{ background-color:#007333 }
```

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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