

# Converting Colors

Hex(007552)

Have a look what the booklet for  
Hex(007552) contains.

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**Color**

**Hex(007552)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007552
RGB	0, 117, 82
RGB Percent	0%, 46%, 32%
CMY	1.0000, 0.5412, 0.6784
CMYK	1.00, 0.00, 0.30, 0.54
HSL	162°, 100%, 23%
HSV	162°, 100%, 46%
XYZ	7.8843, 13.3318, 10.1404
YIQ	78.0270, -58.4970, -35.6890

# Conversions

## Conversions Part 2

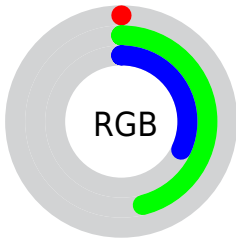
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 69, 117
Decimal	30034
CIELab	43.26, -37.37, 11.51
CIELCh	43, 39.100, 162.872
Yxy	13.3318, 0.2514, 0.4252
Android (android.graphics.Color)	4278220114 (0xFF007552)
YUV	78.0270, 1.9587, -68.4297
Hunter-Lab	36.5127, -25.3533, 9.0927

# Details

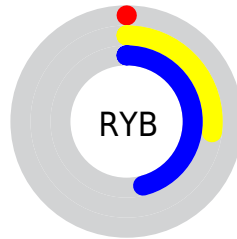
The Hex color **007552** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **750023**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4BAA83**, and **004325** is the 20% darker color. If you saturate the color by 10%, you get **007552**, and if you desaturate by 10%, it is **0C7556**.

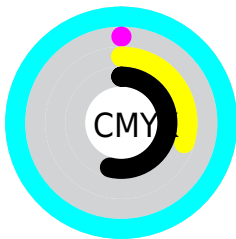
# Distribution



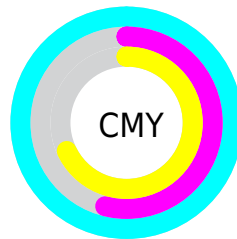
- Red (0%)
- Green (46%)
- Blue (32%)



- Red (0%)
- Yellow (27%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007552 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 007552 by changing the saturation by 10% instead.



 007552

 007552

FFFFFF

 005C3B

 4BAA83

 004325

 67C69E

 002D10

 83E2B9

 001400

 9FFFD4

 000000

 BCFFF1

 D9FFFF

 F6FFFF

 007552

 0C7556

 177559

 23755D

 2F7560

 3B7564

 467567

 52756B

 5E756E

 697572

# Harmonies

## Analogous

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



477135



007552



007674

# Triad

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



007552



4665A5



9C523C

# Complementary

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



007552



750023

# 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.



A24A59



007552



7A5896

# Square

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



007552



006FA4



984D7A



885E27

# Rectangle

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



007552



007588



984D7A



A04E45



# Sweetspot

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



007552



6B998B



237500



314D44



CCCCCC



4D4D4D



# Same Dimension

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



007552



00996B



005E75



353B39



007A56



00FAAF



# Inverse Universe

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



750023



99002E



751700



3B3537



7A0025



FA004B



# Previews

## White Background



This preview shows how the Hex color 007552 looks on a white background.

## Color Contrast Check

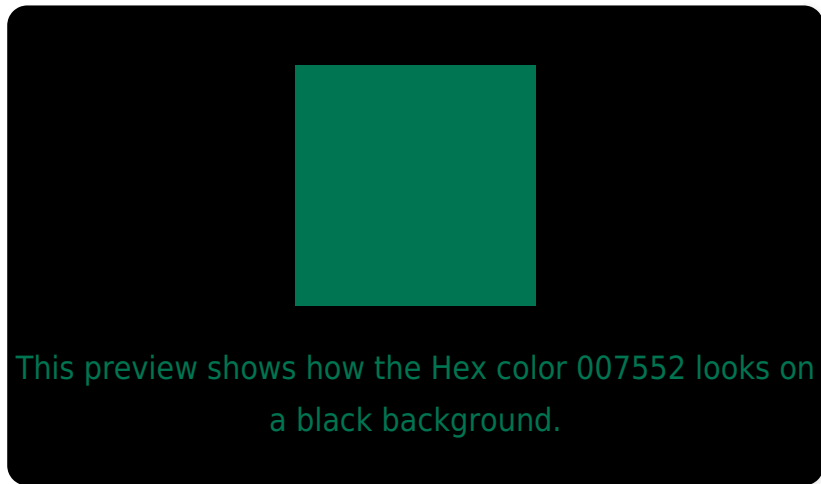
Large Text (above 18pt) WCAG AA ✓ Pass

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

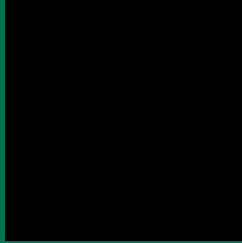
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 007552 Background



This preview shows how black text looks on a background with the Hex color 007552.



This preview shows how white text looks on a background with the Hex color 007552.

# 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**  
007552

**Protanopia**  
6D664B

**Deuteranopia**  
756256



# Trichromacy



**Original Color**  
007552



**Protanomaly**  
456B4E



**Deuteranomaly**  
4A6955



**Tritanomaly**  
19726B

# Monochromacy



**Original Color**  
007552



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
325C4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007552 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 #007552 looks like.

```
.text, #text, p{  
    color:#007552  
}
```

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 #007552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007552
}
```

## Border

The CSS property to change the border of an element to Hex 007552 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
#007552 }
```

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

```
.border{ border-color:#007552 }
```

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

Here you see how a box with a 4 pixel #007552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007552; -webkit-box-shadow:4px 4px  
4px 4px #007552; box-shadow:4px 4px 4px  
4px #007552 }
```

# Background

The CSS property to change the background color of an element to Hex 007552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007552 }
```

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

```
.background{ background-color:#007552 }
```

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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