

# Converting Colors

Hex(007254)

Have a look what the booklet for  
Hex(007254) contains.

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# Color

Hex(007254)

# Conversions

## Conversions Part 1

Format	Color
Hex	007254
RGB	0, 114, 84
RGB Percent	0%, 45%, 33%
CMY	1.0000, 0.5529, 0.6706
CMYK	1.00, 0.00, 0.26, 0.55
HSL	164°, 100%, 22%
HSV	164°, 100%, 45%
XYZ	7.6175, 12.6747, 10.4325
YIQ	76.4940, -58.3140, -33.4980

# Conversions

## Conversions Part 2

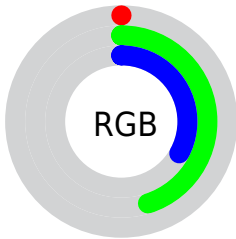
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 66, 114
Decimal	29268
CIELab	42.27, -35.59, 8.95
CIELCh	42, 36.693, 165.889
Yxy	12.6747, 0.2479, 0.4125
Android (android.graphics.Color)	4278219348 (0xFF007254)
YUV	76.4940, 3.7005, -67.0852
Hunter-Lab	35.6016, -24.1097, 7.5471

# Details

The Hex color **007254** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **72001E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4AA786**, and **004127** is the 20% darker color. If you saturate the color by 10%, you get **007254**, and if you desaturate by 10%, it is **0B7257**.

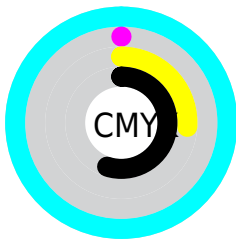
# Distribution



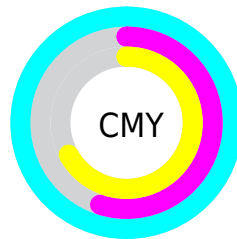
- Red (0%)
- Green (45%)
- Blue (33%)



- Red (0%)
- Yellow (26%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (67%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007254 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 007254 by changing the saturation by 10% instead.



 007254

 007254

FFFFFF

 00593D


 4AA786

 004127

 66C2A0

 002A13

 82DEBB

 000F00

 9EFBD6

 000000

 BBFFF3

 D8FFFF

 F5FFFF

 007254

■ 0B7257

■ 17725A

■ 22725D

■ 2E7260

■ 397263

■ 447266

■ 507269

■ 5B726C

■ 67726F

# Harmonies

## Analogous

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



436E38



007254



007373

# Triad

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



007254



4D619E



95523A

# Complementary

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



007254



72001E

# 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.



9C4A55



007254



7A558E

# Square

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



007254



006B9E



944C73



815D28

# Rectangle

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



007254



007286



944C73



994F42



# Sweetspot

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



007254



689488



1E7200



2F4A43



C9C9C9



4A4A4A



# Same Dimension

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



007254



00946D



005772



323837



007858



00F7B6



# Inverse Universe

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



72001E



940027



721B00



383234



780020



F70041



# Previews

## White Background



This preview shows how the Hex color 007254 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 007254 Background



This preview shows how black text looks on a background with the Hex color 007254.



This preview shows how white text looks on a background with the Hex color 007254.

# 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**  
007254

**Protanopia**  
6A634D

**Deuteranopia**  
716058



**Tritanopia**  
256E76

# Trichromacy



**Original Color**  
007254



**Protanomaly**  
436850



**Deuteranomaly**  
486757



**Tritanomaly**  
186F6A

# Monochromacy



**Original Color**  
007254



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
305A4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007254 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 #007254 looks like.

```
.text, #text, p{  
    color:#007254  
}
```

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 #007254 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007254
}
```

## Border

The CSS property to change the border of an element to Hex 007254 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
#007254 }
```

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

```
.border{ border-color:#007254 }
```

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

Here you see how a box with a 4 pixel #007254 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007254; -webkit-box-shadow:4px 4px  
4px 4px #007254; box-shadow:4px 4px 4px  
4px #007254 }
```

# Background

The CSS property to change the background color of an element to Hex 007254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007254 }
```

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

```
.background{ background-color:#007254 }
```

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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