

Converting Colors

Hex(007537)

Have a look what the booklet for
Hex(007537) contains.

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Color

Hex(007537)

Conversions

Conversions Part 1

Format	Color
Hex	007537
RGB	0, 117, 55
RGB Percent	0%, 46%, 22%
CMY	1.0000, 0.5412, 0.7843
CMYK	1.00, 0.00, 0.53, 0.54
HSL	148°, 100%, 23%
HSV	148°, 100%, 46%
XYZ	7.0509, 12.9984, 5.7518
YIQ	74.9490, -49.8300, -44.0860

Conversions

Conversions Part 2

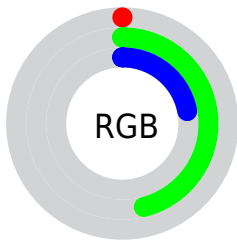
Format	Color
RYB	0, 80, 117
Decimal	30007
CIELab	42.76, -43.19, 26.27
CIELCh	43, 50.551, 148.691
Yxy	12.9984, 0.2733, 0.5038
Android (android.graphics.Color)	4278220087 (0xFF007537)
YUV	74.9490, -9.8349, -65.7303
Hunter-Lab	36.0533, -28.1844, 15.7785

Details

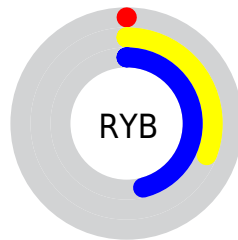
The Hex color **007537** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **75003E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4BAA67**, and **004309** is the 20% darker color. If you saturate the color by 10%, you get **007537**, and if you desaturate by 10%, it is **0C753D**.

Distribution



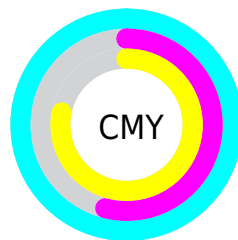
- Red (0%)
- Green (46%)
- Blue (22%)



- Red (0%)
- Yellow (31%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007537 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 007537 by changing the saturation by 10% instead.

 007537

 007537

FFFFFF

 005C20

 4BAA67

 004309

 67C681

 002D00

 83E29B

 001100

 9FFFB6

 000000

 BCFFD2

 D9FFEE

 F6FFFF

 007537

 0C753D

 177543

 23754A

 2F7550

 3B7556

 46755C

 527562

 5E7569

 69756F

Harmonies

Analogous

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



526E10



007537



007862

Triad

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



007537



006AB9



AD413F

Complementary

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



007537



75003E

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.



AD3B69



007537



605BAF

Square

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



007537



0074AC



954791



9A521B

Rectangle

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



007537



00787F



954791



B03D4D

Sweetspot

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



007537



6B9981



3E7500



314D3E



CCCCCC



4D4D4D

Same Dimension

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



007537



009948



007571



353B38



007A3A



00FA75

Inverse Universe

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



75003E



990051



750004



3B3538



7A0041



FA0084

Previews

White Background



This preview shows how the Hex color 007537 looks on a white background.

Color Contrast Check

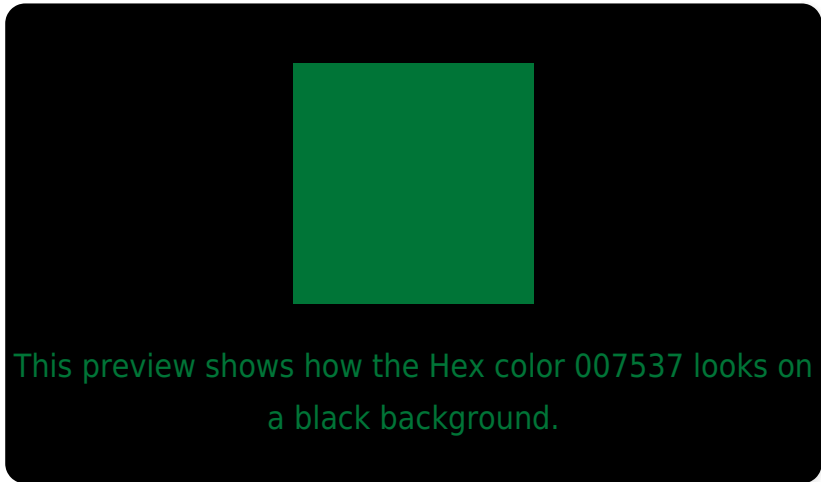
Large Text (above 18pt) WCAG AA ✓ Pass

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 007537 Background



This preview shows how black text looks on a background with the Hex color 007537.



This preview shows how white text looks on a background with the Hex color 007537.

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
007537

Protanopia
6F6532

Deuteranopia
7A603C



Tritanopia
2D6E77

Trichromacy



Original Color
007537



Protanomaly
476B34



Deuteranomaly
4E683A



Tritanomaly
1D7160

Monochromacy



Original Color
007537



Achromatopsia
4B4B4B



Achromatomaly
305A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 007537 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 #007537 looks like.

```
.text, #text, p{  
    color:#007537  
}
```

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 #007537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007537
}
```

Border

The CSS property to change the border of an element to Hex 007537 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
#007537 }
```

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

```
.border{ border-color:#007537 }
```

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

Here you see how a box with a 4 pixel #007537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007537; -webkit-box-shadow:4px 4px  
4px 4px #007537; box-shadow:4px 4px 4px  
4px #007537 }
```

Background

The CSS property to change the background color of an element to Hex 007537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007537 }
```

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

```
.background{ background-color:#007537 }
```

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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