

Converting Colors

Hex(007C37)

Have a look what the booklet for
Hex(007C37) contains.

Hex(007C37)	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(007C37)

Conversions

Conversions Part 1	
Format	Color
Hex	007C37
RGB	0, 124, 55
RGB Percent	0%, 49%, 22%
CMY	1.0000, 0.5137, 0.7843
CMYK	1.00, 0.00, 0.56, 0.51
HSL	147°, 100%, 24%
HSV	147°, 100%, 49%
XYZ	7.8972, 14.6911, 6.0339
YIQ	79.0580, -51.7550, -47.7470

Conversions

Conversions Part 2

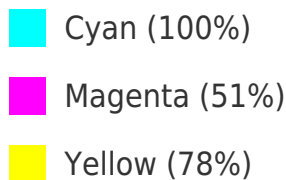
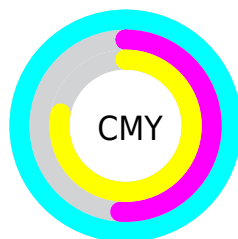
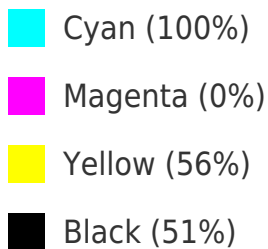
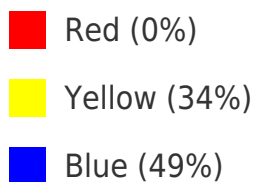
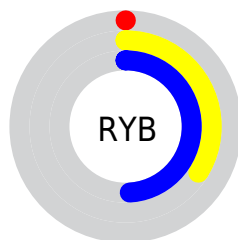
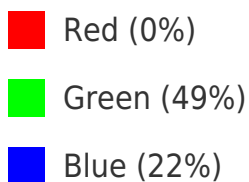
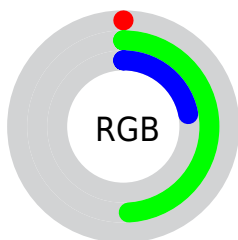
Format	Color
RYB	0, 86, 124
Decimal	31799
CIELab	45.21, -45.65, 29.28
CIELCh	45, 54.232, 147.322
Yxy	14.6911, 0.2759, 0.5133
Android (android.graphics.Color)	4278221879 (0xFF007C37)
YUV	79.0580, -11.8606, -69.3339
Hunter-Lab	38.3290, -30.2980, 17.4967

Details

The Hex color **007C37** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7C0045**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4EB268**, and **004A08** is the 20% darker color. If you saturate the color by 10%, you get **007C37**, and if you desaturate by 10%, it is **0C7C3E**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 007C37 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 007C37 by changing the saturation by 10% instead.

 007C37

 007C37

FFFFFF

 006220

 4EB268

 004A08

 6ACE81

 003200

 86EA9C

 001B00

 A3FFB7

 000000

 BFFFD3

 DDFFEF

 FAFFFF

 007C37

 0C7C3E

 197C45

 257C4C

 327C53

 3E7C5A

 4A7C60

 577C67

 637C6E

 707C75

Harmonies

Analogous

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



58740A



007C37



007F65

Triad

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



007C37



0072C6



B94244

Complementary

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



007C37



7C0045

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.



B83C71



007C37



6161BC

Square

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



007C37



007CB7



9D4B9D



A6551C

Rectangle

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



007C37



008085



9D4B9D



BC3E53

Sweetspot

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



007C37



70A186



467C00



345241



D1D1D1



525252

Same Dimension

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



007C37



00A147



007C74



373D3A



007D37



00FC70

Inverse Universe

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



7C0045



A10059



7C0008



3D373A



7D0046



FC008C

Previews

White Background



This preview shows how the Hex color 007C37 looks on a white background.

Color Contrast Check

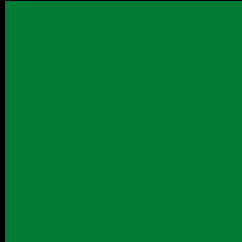
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 007C37 looks on a 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 007C37 Background



This preview shows how black text looks on a background with the Hex color 007C37.



This preview shows how white text looks on a background with the Hex color 007C37.

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
007C37

Protanopia
766B31

Deuteranopia
82663D



Tritanopia

31757E

Trichromacy



Original Color

007C37



Protanomaly

4B7133



Deuteranomaly

536E3B



Tritanomaly

1F7864

Monochromacy



Original Color

007C37



Achromatopsia

4F4F4F



Achromatomaly

325F46

CSS Examples

Text

The CSS property to change the color of the text to Hex 007C37 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 #007C37 looks like.

```
.text, #text, p{  
    color:#007C37  
}
```

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 #007C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C37
}
```

Border

The CSS property to change the border of an element to Hex 007C37 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
#007C37 }
```

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

```
.border{ border-color:#007C37 }
```

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

Here you see how a box with a 4 pixel #007C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C37; -webkit-box-shadow:4px 4px  
4px 4px #007C37; box-shadow:4px 4px 4px  
4px #007C37 }
```

Background

The CSS property to change the background color of an element to Hex 007C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C37 }
```

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

```
.background{ background-color:#007C37 }
```

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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