

Converting Colors

Hex(007A35)

Have a look what the booklet for
Hex(007A35) contains.

Hex(007A35)	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(007A35)

Conversions

Conversions Part 1

Format	Color
Hex	007A35
RGB	0, 122, 53
RGB Percent	0%, 48%, 21%
CMY	1.0000, 0.5216, 0.7922
CMYK	1.00, 0.00, 0.57, 0.52
HSL	146°, 100%, 24%
HSV	146°, 100%, 48%
XYZ	7.6021, 14.1761, 5.7037
YIQ	77.6560, -50.5630, -47.3230

Conversions

Conversions Part 2

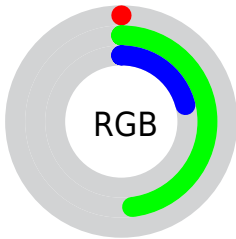
Format	Color
RYB	0, 85, 122
Decimal	31285
CIELab	44.48, -45.28, 29.45
CIELCh	44, 54.015, 146.961
Yxy	14.1761, 0.2766, 0.5158
Android (android.graphics.Color)	4278221365 (0xFF007A35)
YUV	77.6560, -12.1554, -68.1043
Hunter-Lab	37.6512, -29.8487, 17.3740

Details

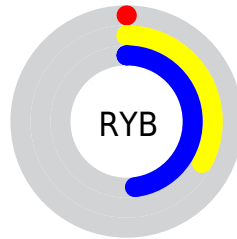
The Hex color **007A35** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A0045**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4DB065**, and **004806** is the 20% darker color. If you saturate the color by 10%, you get **007A35**, and if you desaturate by 10%, it is **0C7A3C**.

Distribution



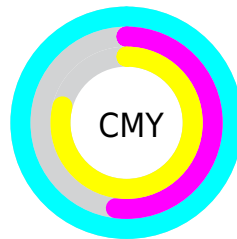
- Red (0%)
- Green (48%)
- Blue (21%)



- Red (0%)
- Yellow (33%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (79%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007A35 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 007A35 by changing the saturation by 10% instead.



007A35



007A35

FFFFFF



00601E



4DB065



004806



69CB7F



003000



86E899



001800



A2FFB4



000000



BFFFD0



DCFFED



F9FFFF




007A35

 0C7A3C

 187A43

 257A4A

 317A51

 3D7A58

 497A5E

 557A65

 627A6C

 6E7A73

Harmonies

Analogous

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



577207



007A35



007D63

Triad

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



007A35



0070C3



B74043

Complementary

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



007A35



7A0045

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.



B63B70



007A35



5F5FBA

Square

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



007A35



007AB4



9B4A9B



A4531B

Rectangle

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



007A35



007E82



9B4A9B



B93C52

Sweetspot

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



007A35



6F9E83



457A00



334F3F



CFCFCF



4F4F4F

Same Dimension

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



007A35



009E45



007A72



373D3A



007D36



00FC6E

Inverse Universe

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



7A0045



9E0059



7A0008



3D373B



7D0047



FC008F

Previews

White Background



This preview shows how the Hex color 007A35 looks on a white background.

Color Contrast Check

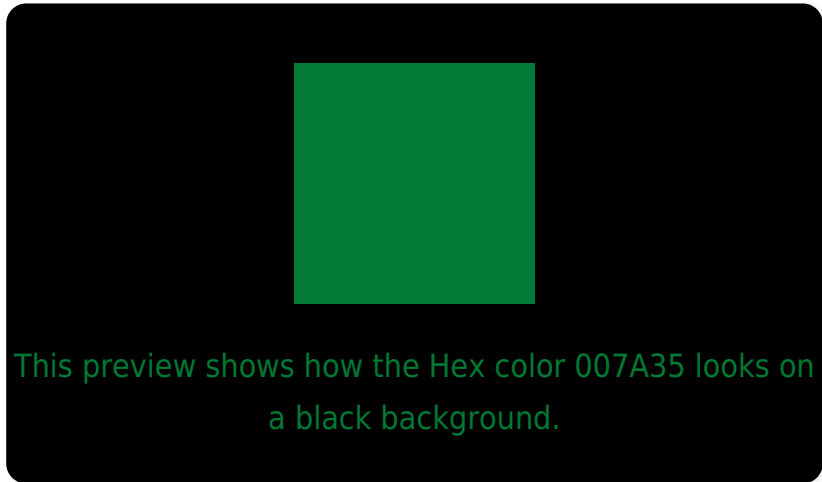
Large Text (above 18pt) WCAG AA ✓ Pass

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 007A35 Background



This preview shows how black text looks on a background with the Hex color 007A35.



This preview shows how white text looks on a background with the Hex color 007A35.

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
007A35

Protanopia
746930

Deuteranopia
80643B



Tritanopia
30737C

Trichromacy



Original Color
007A35



Protanomaly
4A6F32



Deuteranomaly
516C39



Tritanomaly
1F7662

Monochromacy



Original Color
007A35



Achromatopsia
4E4E4E



Achromatomaly
325E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 007A35 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 #007A35 looks like.

```
.text, #text, p{  
    color:#007A35  
}
```

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 #007A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A35
}
```

Border

The CSS property to change the border of an element to Hex 007A35 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
#007A35 }
```

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

```
.border{ border-color:#007A35 }
```

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

Here you see how a box with a 4 pixel #007A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A35; -webkit-box-shadow:4px 4px  
4px 4px #007A35; box-shadow:4px 4px 4px  
4px #007A35 }
```

Background

The CSS property to change the background color of an element to Hex 007A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A35 }
```

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

```
.background{ background-color:#007A35 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor