

Converting Colors

Hex(007D2F)

Have a look what the booklet for
Hex(007D2F) contains.

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Color

Hex(007D2F)

Conversions

Conversions Part 1

Format	Color
Hex	007D2F
RGB	0, 125, 47
RGB Percent	0%, 49%, 18%
CMY	1.0000, 0.5098, 0.8157
CMYK	1.00, 0.00, 0.62, 0.51
HSL	143°, 100%, 25%
HSV	143°, 100%, 49%
XYZ	7.8467, 14.8725, 5.1464
YIQ	78.7330, -49.4620, -50.7580

Conversions

Conversions Part 2

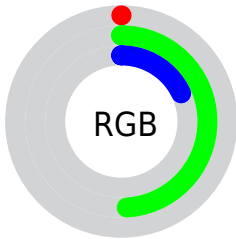
Format	Color
RYB	0, 91, 125
Decimal	32047
CIELab	45.46, -47.20, 33.65
CIELCh	45, 57.964, 144.510
Yxy	14.8725, 0.2816, 0.5337
Android (android.graphics.Color)	4278222127 (0xFF007D2F)
YUV	78.7330, -15.6444, -69.0488
Hunter-Lab	38.5648, -31.1695, 19.0832

Details

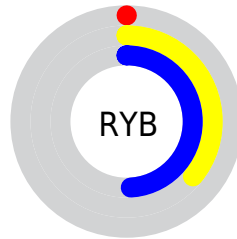
The Hex color **007D2F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7D004E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4EB360**, and **004A00** is the 20% darker color. If you saturate the color by 10%, you get **007D2F**, and if you desaturate by 10%, it is **0C7D37**.

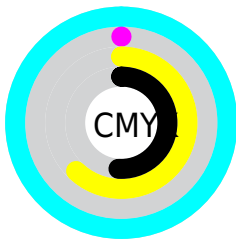
Distribution



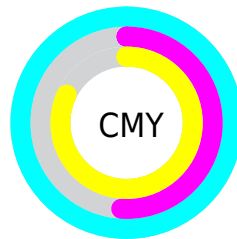
- Red (0%)
- Green (49%)
- Blue (18%)



- Red (0%)
- Yellow (36%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007D2F 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 007D2F by changing the saturation by 10% instead.

 007D2F

 007D2F

FFFFFF

 006317

 4EB360

 004A00

 6BCF79

 003300

 87EB94

 001C00

 A4FFAF

 000000

 C0FFCA

 DEFFE7

 FBFFFF

 007D2F

 0C7D37

 197D3F

 267D46

 327D4E

 3F7D56

 4B7D5E

 577D66

 647D6D

 717D75

Harmonies

Analogous

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



5B7500



007D2F



008161

Triad

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



007D2F



0074CD



BF3D47

Complementary

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



007D2F



7D004E

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.



BC3877



007D2F



5763C4

Square

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



007D2F



007EBA



9D4BA5



AC521A

Rectangle

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



007D2F



008283



9D4BA5



C13856

Sweetspot

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



007D2F



72A385



4F7D00



34523F



D1D1D1



525252

Same Dimension

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



007D2F



00A33D



007D6C



39403C



008030



000000

Inverse Universe

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



7D004E



A30066



7D0011



40393D



800050



000000

Previews

White Background



This preview shows how the Hex color 007D2F looks on a white background.

Color Contrast Check

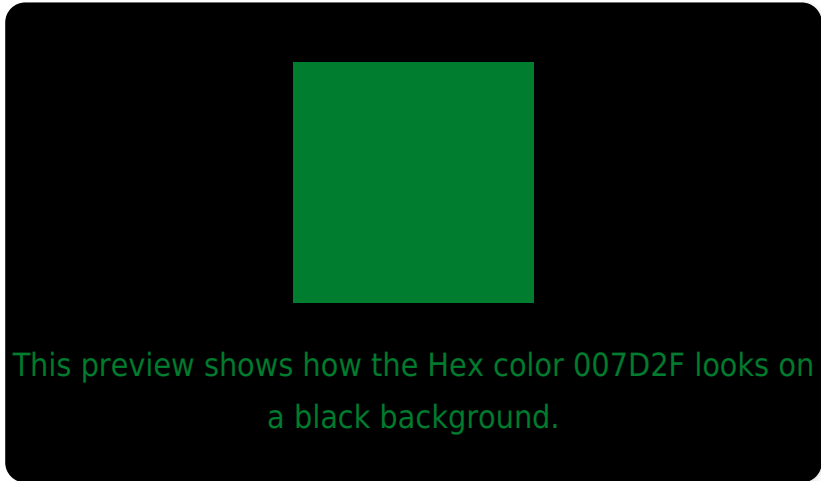
Large Text (above 18pt) WCAG AA ✓ Pass

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 007D2F Background



This preview shows how black text looks on a background with the Hex color 007D2F.



This preview shows how white text looks on a background with the Hex color 007D2F.

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
007D2F

Protanopia
786B2A

Deuteranopia
846636



Tritanopia
32757F

Trichromacy



Original Color
007D2F



Protanomaly
4C722C



Deuteranomaly
546E33



Tritanomaly
207862

Monochromacy



Original Color
007D2F



Achromatopsia
4F4F4F



Achromatomaly
326043

CSS Examples

Text

The CSS property to change the color of the text to Hex 007D2F 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 #007D2F looks like.

```
.text, #text, p{  
    color:#007D2F  
}
```

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 #007D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D2F
}
```

Border

The CSS property to change the border of an element to Hex 007D2F 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
#007D2F }
```

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

```
.border{ border-color:#007D2F }
```

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

Here you see how a box with a 4 pixel #007D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D2F; -webkit-box-shadow:4px 4px  
4px 4px #007D2F; box-shadow:4px 4px 4px  
4px #007D2F }
```

Background

The CSS property to change the background color of an element to Hex 007D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D2F }
```

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

```
.background{ background-color:#007D2F }
```

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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