

Converting Colors

Hex(007D2B)

Have a look what the booklet for
Hex(007D2B) contains.

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Color

Hex(007D2B)

Conversions

Conversions Part 1

Format	Color
Hex	007D2B
RGB	0, 125, 43
RGB Percent	0%, 49%, 17%
CMY	1.0000, 0.5098, 0.8314
CMYK	1.00, 0.00, 0.66, 0.51
HSL	141°, 100%, 25%
HSV	141°, 100%, 49%
XYZ	7.7697, 14.8416, 4.7407
YIQ	78.2770, -48.1780, -52.0020

Conversions

Conversions Part 2

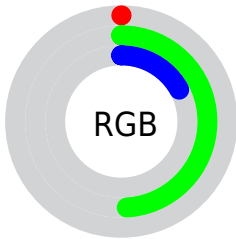
Format	Color
RYB	0, 93, 125
Decimal	32043
CIELab	45.42, -47.73, 35.53
CIELCh	45, 59.501, 143.334
Yxy	14.8416, 0.2841, 0.5426
Android (android.graphics.Color)	4278222123 (0xFF007D2B)
YUV	78.2770, -17.3916, -68.6489
Hunter-Lab	38.5249, -31.4188, 19.6714

Details

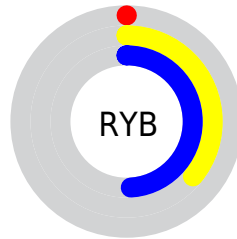
The Hex color **007D2B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7D0052**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4EB35C**, and **004A00** is the 20% darker color. If you saturate the color by 10%, you get **007D2B**, and if you desaturate by 10%, it is **0C7D33**.

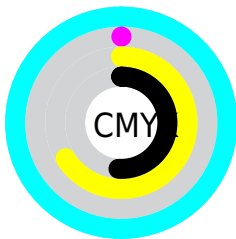
Distribution



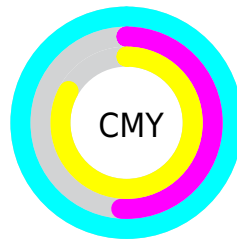
- Red (0%)
- Green (49%)
- Blue (17%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007D2B 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 007D2B by changing the saturation by 10% instead.

 007D2B

 007D2B

FFFFFF

 006312

 4EB35C

 004A00

 6BCF75

 003300

 88EB90

 001B00

 A4FFAB

 000000

 C1FFC6

 DEFFE3

 FCFFFF

 007D2B

 0C7D33

 197D3B

 267D44


 327D4C

 3F7D54

 4B7D5C

 577D64

 647D6D

 717D75

Harmonies

Analogous

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



5D7400



007D2B



00815E

Triad

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



007D2B



0075CF



C23947

Complementary

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



007D2B



7D0052

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.



BD3679



007D2B



5163C8

Square

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



007D2B



007EBB



9C4BA8



AE5019

Rectangle

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



007D2B



008281



9C4BA8



C33558

Sweetspot

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



007D2B



72A383



537D00



34523E



D1D1D1



525252

Same Dimension

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



007D2B



00A338



007D68



39403C



00802C



000000

Inverse Universe

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



7D0052



A3006B



7D0015



40393E



800054



000000

Previews

White Background



This preview shows how the Hex color 007D2B looks on a white background.

Color Contrast Check

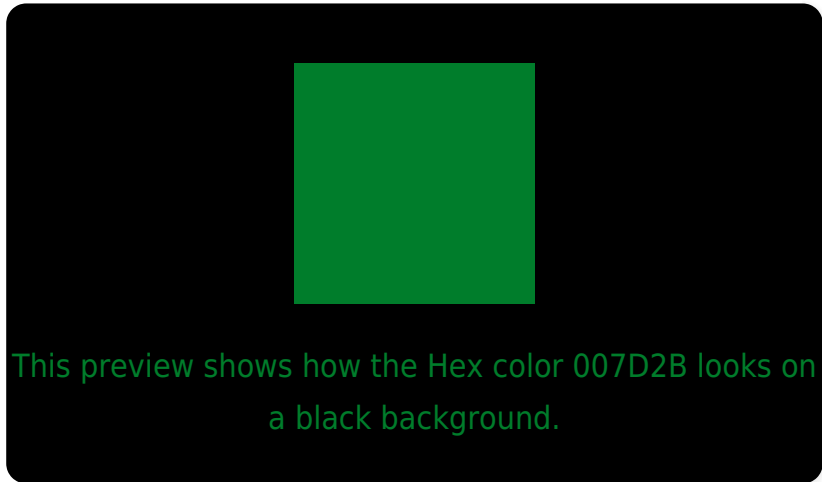
Large Text (above 18pt) WCAG AA ✓ Pass

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 007D2B Background



This preview shows how black text looks on a background with the Hex color 007D2B.



This preview shows how white text looks on a background with the Hex color 007D2B.

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
007D2B

Protanopia
786B26

Deuteranopia
846632

Trichromacy



Original Color
007D2B



Protanomaly
4C7228



Deuteranomaly
546E2F



Tritanomaly
207860

Monochromacy



Original Color
007D2B



Achromatopsia
4E4E4E



Achromatomaly
325F41

CSS Examples

Text

The CSS property to change the color of the text to Hex 007D2B 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 #007D2B looks like.

```
.text, #text, p{  
    color:#007D2B  
}
```

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 #007D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D2B
}
```

Border

The CSS property to change the border of an element to Hex 007D2B 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
#007D2B }
```

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

```
.border{ border-color:#007D2B }
```

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

Here you see how a box with a 4 pixel #007D2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D2B; -webkit-box-shadow:4px 4px  
4px 4px #007D2B; box-shadow:4px 4px 4px  
4px #007D2B }
```

Background

The CSS property to change the background color of an element to Hex 007D2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D2B }
```

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

```
.background{ background-color:#007D2B }
```

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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