

Converting Colors

Hex(2D7752)

Have a look what the booklet for
Hex(2D7752) contains.

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Color

Hex(2D7752)

Conversions

Conversions Part 1

Format	Color
Hex	2D7752
RGB	45, 119, 82
RGB Percent	18%, 47%, 32%
CMY	0.8235, 0.5333, 0.6784
CMYK	0.62, 0.00, 0.31, 0.53
HSL	150°, 45%, 32%
HSV	150°, 62%, 47%
XYZ	9.2020, 14.3607, 10.2695
YIQ	92.6560, -32.2270, -27.1950

Conversions

Conversions Part 2

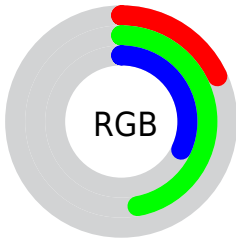
Format	Color
RYB	45, 94, 119
Decimal	2979666
CIELab	44.75, -32.25, 13.70
CIELCh	45, 35.034, 156.989
Yxy	14.3607, 0.2720, 0.4245
Android (android.graphics.Color)	4281169746 (0xFF2D7752)
YUV	92.6560, -5.2534, -41.7943
Hunter-Lab	37.8956, -22.9729, 10.4595

Details

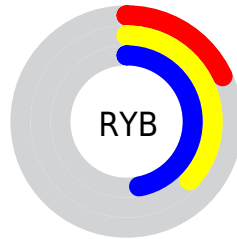
The Hex color **2D7752** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **772D52**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **62AC84**, and **004625** is the 20% darker color. If you saturate the color by 10%, you get **21774C**, and if you desaturate by 10%, it is **397758**.

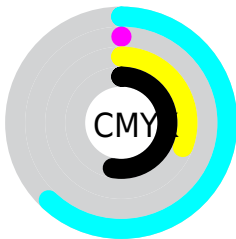
Distribution



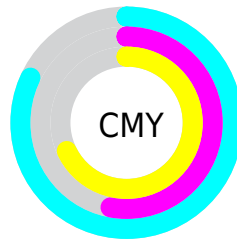
- Red (18%)
- Green (47%)
- Blue (32%)



- Red (18%)
- Yellow (37%)
- Blue (47%)



- Cyan (62%)
- Magenta (0%)
- Yellow (31%)
- Black (53%)



- Cyan (82%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7752 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 2D7752 by changing the saturation by 10% instead.

 2D7752

 2D7752

FFFFFF

 0C5E3B

 62AC84

 004625

 7DC79E

 002E10

 98E4B9

 001900

 B4FFD4

 000000

 D1FFF1

 EDFFFF

 2D7752

 2D7752

 21774C

 397758

■ 157746

■ 45775E

■ 097740

■ 517764

■ 00773B

■ 5D776A

■ 697770

■ 747776

■ 80777C

■ 8C7782

■ 987788

Harmonies

Analogous

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



56723A



2D7752



007970

Triad

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



2D7752



456BA4



9D5648

Complementary

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



2D7752



772D52

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.



A05164



2D7752



756099

Square

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



2D7752



00739F



935581



8E6034

Rectangle

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



2D7752



007883



935581



A05451

Sweetspot

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



2D7752



7E9C8D



52772D



3D4F46



CFCFCF



4F4F4F

Same Dimension

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



2D7752



279C61



2D7777



353B38



007A3D



00FA7D

Inverse Universe

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



772D52



9C2761



772D2D



3B3538



7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 2D7752 looks on a white background.

Color Contrast Check

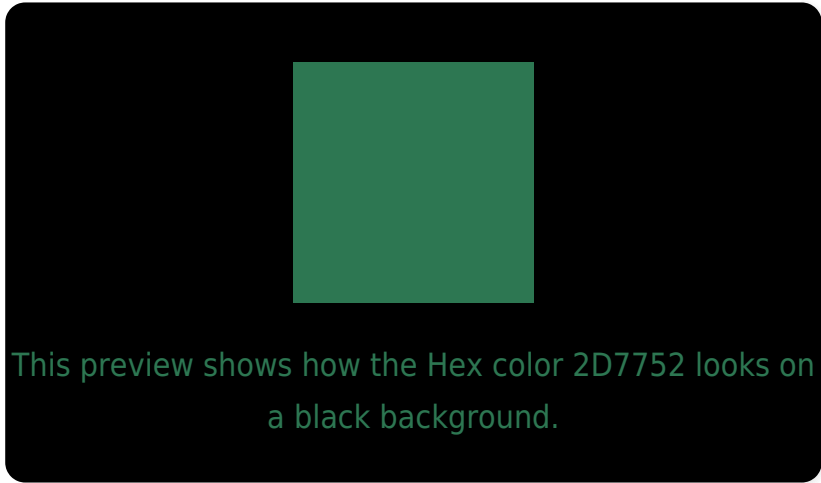
Large Text (above 18pt) WCAG AA ✓ Pass

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

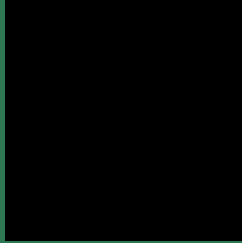
Any Text WCAG AA × Fail

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 2D7752 Background



This preview shows how black text looks on a background with the Hex color 2D7752.



This preview shows how white text looks on a background with the Hex color 2D7752.

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
2D7752

Protanopia
71694C

Deuteranopia
7A6556



Tritanopia
3B727B

Trichromacy



Original Color
2D7752



Protanomaly
586E4E



Deuteranomaly
5E6C55



Tritanomaly
36746C

Monochromacy



Original Color
2D7752



Achromatopsia
5D5D5D



Achromatomaly
4C6659

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7752 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 #2D7752 looks like.

```
.text, #text, p{  
    color:#2D7752  
}
```

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 #2D7752 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7752
}
```

Border

The CSS property to change the border of an element to Hex 2D7752 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
#2D7752 }
```

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

```
.border{ border-color:#2D7752 }
```

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

Here you see how a box with a 4 pixel #2D7752 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7752; -webkit-box-shadow:4px 4px  
4px 4px #2D7752; box-shadow:4px 4px 4px  
4px #2D7752 }
```

Background

The CSS property to change the background color of an element to Hex 2D7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7752 }
```

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

```
.background{ background-color:#2D7752 }
```

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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