

Converting Colors

Hex(2D7635)

Have a look what the booklet for
Hex(2D7635) contains.

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Color

Hex(2D7635)

Conversions

Conversions Part 1

Format	Color
Hex	2D7635
RGB	45, 118, 53
RGB Percent	18%, 46%, 21%
CMY	0.8235, 0.5373, 0.7922
CMYK	0.62, 0.00, 0.55, 0.54
HSL	127°, 45%, 32%
HSV	127°, 62%, 46%
XYZ	8.2032, 13.7718, 5.5940
YIQ	88.7630, -22.6430, -35.6910

Conversions

Conversions Part 2

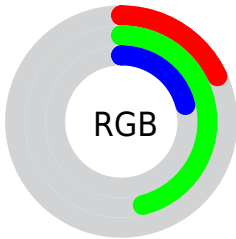
Format	Color
RYB	45, 111, 118
Decimal	2979381
CIELab	43.90, -37.24, 28.93
CIElCh	44, 47.161, 142.159
Yxy	13.7718, 0.2976, 0.4995
Android (android.graphics.Color)	4281169461 (0xFF2D7635)
YUV	88.7630, -17.6312, -38.3802
Hunter-Lab	37.1104, -25.4858, 17.0399

Details

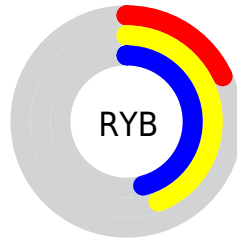
The Hex color **2D7635** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **762D6E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **63AB65**, and **004506** is the 20% darker color. If you saturate the color by 10%, you get **21762A**, and if you desaturate by 10%, it is **397640**.

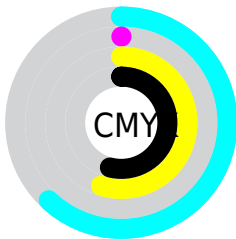
Distribution



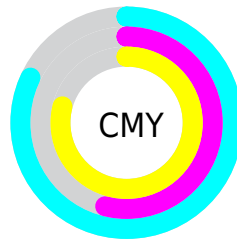
- Red (18%)
- Green (46%)
- Blue (21%)



- Red (18%)
- Yellow (44%)
- Blue (46%)



- Cyan (62%)
- Magenta (0%)
- Yellow (55%)
- Black (54%)



- Cyan (82%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7635 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 2D7635 by changing the saturation by 10% instead.

 2D7635

 2D7635

FFFFFF

 0C5D1E

 63AB65

 004506

 7EC77F

 002D00

 99E399

 001600

 B5FFB4


 000000

 D1FFD0

 EEFFEC

 2D7635

 2D7635

 21762A

 397640

■ 157620

■ 45764A

■ 0A7615

■ 507655

■ 00760D

■ 5C765F

■ 68766A

■ 747674

■ 80767F

■ 8B7689

■ 977694

Harmonies

Analogous

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



606E16



2D7635



007A5C

Triad

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



2D7635



006FB5



AE454D

Complementary

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



2D7635



762D6E

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.



A94374



2D7635



5562B1

Square

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



2D7635



0077A5



8D5198



A0532A

Rectangle

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



2D7635



007A77



8D5198



AF4359

Sweetspot

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



2D7635



7C997F



6F762D



3B4D3D



CCCCCC



4D4D4D

Same Dimension

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



2D7635



289934



2D7659



353B35



007A0D



00FA1B

Inverse Universe

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



762D6E



99288D



762D4A



3B353A



7A006D



FA00DF

Previews

White Background



This preview shows how the Hex color 2D7635 looks on a white background.

Color Contrast Check

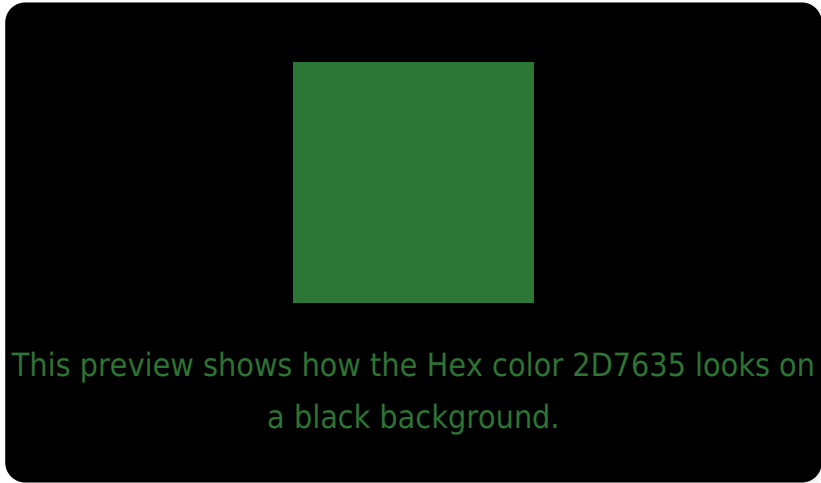
Large Text (above 18pt) WCAG AA ✓ Pass

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

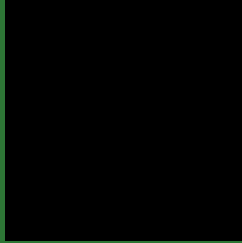
Any Text WCAG AA × Fail

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 2D7635 Background



This preview shows how black text looks on a background with the Hex color 2D7635.



This preview shows how white text looks on a background with the Hex color 2D7635.

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
2D7635

Protanopia
726730

Deuteranopia
7E623A



Tritanopia
3E6F78

Trichromacy



Original Color
2D7635

Protanomaly
596C32

Deuteranomaly
616938

Tritanomaly
387260

Monochromacy



Original Color
2D7635

Achromatopsia
595959

Achromatomaly
49644C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7635 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 #2D7635 looks like.

```
.text, #text, p{  
    color:#2D7635  
}
```

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 #2D7635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7635
}
```

Border

The CSS property to change the border of an element to Hex 2D7635 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
#2D7635 }
```

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

```
.border{ border-color:#2D7635 }
```

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

Here you see how a box with a 4 pixel #2D7635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7635; -webkit-box-shadow:4px 4px  
4px 4px #2D7635; box-shadow:4px 4px 4px  
4px #2D7635 }
```

Background

The CSS property to change the background color of an element to Hex 2D7635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7635 }
```

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

```
.background{ background-color:#2D7635 }
```

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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