

Converting Colors

Hex(2D6D2F)

Have a look what the booklet for
Hex(2D6D2F) contains.

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Color

Hex(2D6D2F)

Conversions

Conversions Part 1

Format	Color
Hex	2D6D2F
RGB	45, 109, 47
RGB Percent	18%, 43%, 18%
CMY	0.8235, 0.5725, 0.8157
CMYK	0.59, 0.00, 0.57, 0.57
HSL	122°, 42%, 30%
HSV	122°, 59%, 43%
XYZ	7.0639, 11.7004, 4.5754
YIQ	82.7960, -18.2420, -32.8500

Conversions

Conversions Part 2

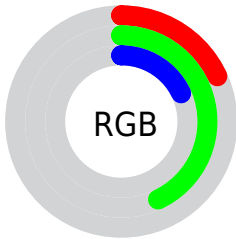
Format	Color
R _Y B	45, 107, 109
Decimal	2977071
CIE Lab	40.74, -34.33, 28.29
CIE LCh	41, 44.485, 140.513
Yxy	11.7004, 0.3027, 0.5013
Android (android.graphics.Color)	4281167151 (0xFF2D6D2F)
YUV	82.7960, -17.6474, -33.1471
Hunter-Lab	34.2059, -22.9979, 16.0134

Details

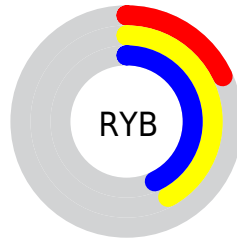
The Hex color **2D6D2F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D2D6B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **61A15F**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **226D24**, and if you desaturate by 10%, it is **386D3A**.

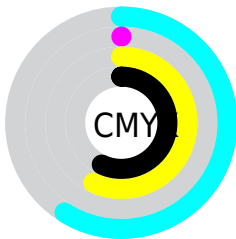
Distribution



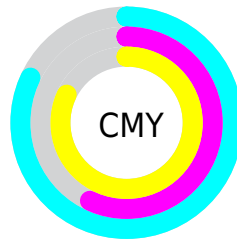
- Red (18%)
- Green (43%)
- Blue (18%)



- Red (18%)
- Yellow (42%)
- Blue (43%)



- Cyan (59%)
- Magenta (0%)
- Yellow (57%)
- Black (57%)



- Cyan (82%)
- Magenta (57%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6D2F 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 2D6D2F by changing the saturation by 10% instead.

 2D6D2F

 2D6D2F


FFFFFF

 0F5418

 61A15F

 003C00

 7CBC78

 002700

 97D892

 000500

 B2F5AD

 000000

 CFFFC8

 EBF FE5

 2D6D2F

 2D6D2F

 226D24

 386D3A

■ 176D1A

■ 436D44

■ 0C6D0F

■ 4E6D4F

■ 016D05

■ 596D59

■ 006D03

■ 636D64

■ 6E6D6E

■ 796D79

■ 846D83

■ 8F6D8E

Harmonies

Analogous

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



5B6613



2D6D2F



007153

Triad

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



2D6D2F



0068A8



A23F49

Complementary

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



2D6D2F



6D2D6B

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.



9C3F6D



2D6D2F



4B5BA5

Square

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



2D6D2F



006F98



814B8F



964B28

Rectangle

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



2D6D2F



00716C



814B8F



A23D55

Sweetspot

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



2D6D2F



758F76



6C6D2D



384738



C7C7C7



474747

Same Dimension

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



2D6D2F



2B8F2E



2D6D4E



303630



007504



00F508

Inverse Universe

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



6D2D6B



8F2B8C



6D2D4C



363035



750072



F500ED

Previews

White Background



This preview shows how the Hex color 2D6D2F looks on a white background.

Color Contrast Check

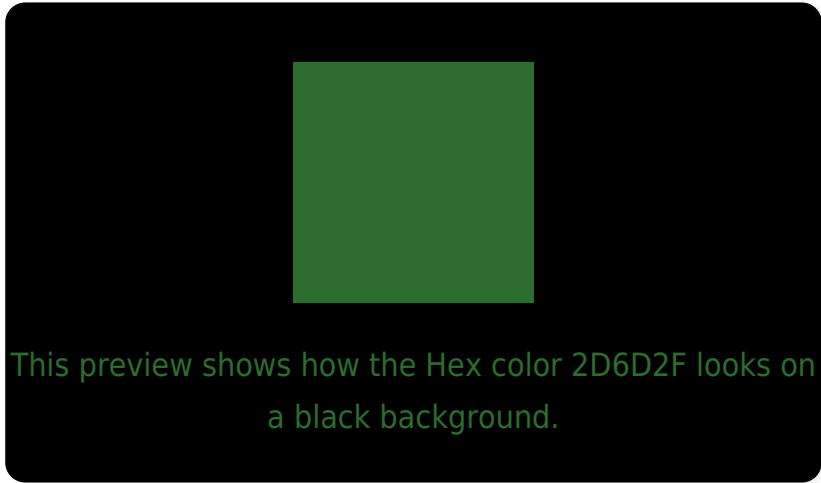
Large Text (above 18pt) WCAG AA ✓ Pass

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

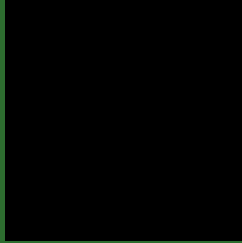
Any Text WCAG AA × Fail

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 2D6D2F Background



This preview shows how black text looks on a background with the Hex color 2D6D2F.



This preview shows how white text looks on a background with the Hex color 2D6D2F.

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
2D6D2F

Protanopia
6A602B

Deuteranopia
755B34



Tritanopia
3C666F

Trichromacy



Original Color
2D6D2F

Protanomaly
54652C

Deuteranomaly
5B6232

Tritanomaly
376958

Monochromacy



Original Color
2D6D2F

Achromatopsia
535353

Achromatomaly
455C46

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6D2F 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 #2D6D2F looks like.

```
.text, #text, p{  
    color:#2D6D2F  
}
```

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 #2D6D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6D2F
}
```

Border

The CSS property to change the border of an element to Hex 2D6D2F 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
#2D6D2F }
```

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

```
.border{ border-color:#2D6D2F }
```

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

Here you see how a box with a 4 pixel #2D6D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6D2F; -webkit-box-shadow:4px 4px  
4px 4px #2D6D2F; box-shadow:4px 4px 4px  
4px #2D6D2F }
```

Background

The CSS property to change the background color of an element to Hex 2D6D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6D2F }
```

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

```
.background{ background-color:#2D6D2F }
```

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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