

Converting Colors

Hex(2D5C30)

Have a look what the booklet for
Hex(2D5C30) contains.

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Color

Hex(2D5C30)

Conversions

Conversions Part 1

Format	Color
Hex	2D5C30
RGB	45, 92, 48
RGB Percent	18%, 36%, 19%
CMY	0.8235, 0.6392, 0.8118
CMYK	0.51, 0.00, 0.48, 0.64
HSL	124°, 34%, 27%
HSV	124°, 51%, 36%
XYZ	5.4428, 8.4256, 4.1357
YIQ	72.9310, -13.8880, -23.6480

Conversions

Conversions Part 2

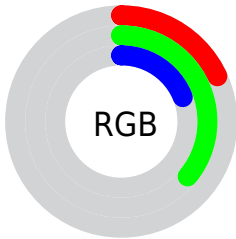
Format	Color
RYB	45, 89, 92
Decimal	2972720
CIELab	34.85, -26.48, 20.45
CIELCh	35, 33.454, 142.318
Yxy	8.4256, 0.3023, 0.4680
Android (android.graphics.Color)	4281162800 (0xFF2D5C30)
YUV	72.9310, -12.2910, -24.4955
Hunter-Lab	29.0269, -17.3264, 11.8712

Details

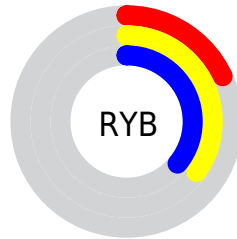
The Hex color **2D5C30** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C2D59**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5E8F5F**, and **002D02** is the 20% darker color. If you saturate the color by 10%, you get **245C27**, and if you desaturate by 10%, it is **365C39**.

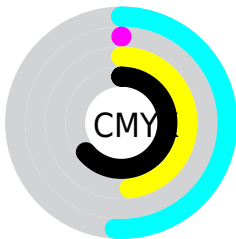
Distribution



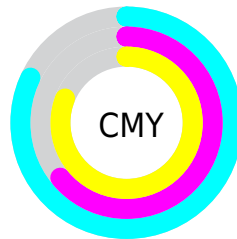
- Red (18%)
- Green (36%)
- Blue (19%)



- Red (18%)
- Yellow (35%)
- Blue (36%)



- Cyan (51%)
- Magenta (0%)
- Yellow (48%)
- Black (64%)



- Cyan (82%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5C30 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 2D5C30 by changing the saturation by 10% instead.

 2D5C30

 2D5C30

FFFFFF

 14441A

 5E8F5F

 002D02

 78A978

 001A00

 92C592

 000000

 AEE1AC

 C9FEC8

 E6FFE4

 2D5C30

 2D5C30

 245C27

 365C39

■ 1B5C1F

■ 3F5C41

■ 115C16

■ 495C4A

■ 085C0E

■ 525C52

■ 005C06

■ 5B5C5B

■ 645C64

■ 6D5C6C

■ 775C75

■ 805C7E

Harmonies

Analogous

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



4D571E



2D5C30



005F4A

Triad

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



2D5C30



005787



833C3F

Complementary

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



2D5C30



5C2D59

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.



7F3B5A



2D5C30



484E83

Square

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



2D5C30



005D7C



6C4373



7A4428

Rectangle

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



2D5C30



005F5C



6C4373



833B48

Sweetspot

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



2D5C30



667867



5A5C2D



323D33



BDBDBD



3D3D3D

Same Dimension

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



2D5C30



2F7833



2D5C47



292E2A



006E07



00ED0F

Inverse Universe

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



5C2D59



782F73



5C2D42



2E292E



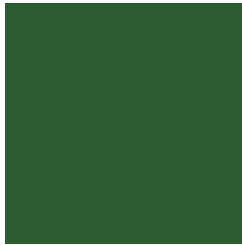
6E0067



ED00DE

Previews

White Background



This preview shows how the Hex color 2D5C30 looks on a white background.

Color Contrast Check

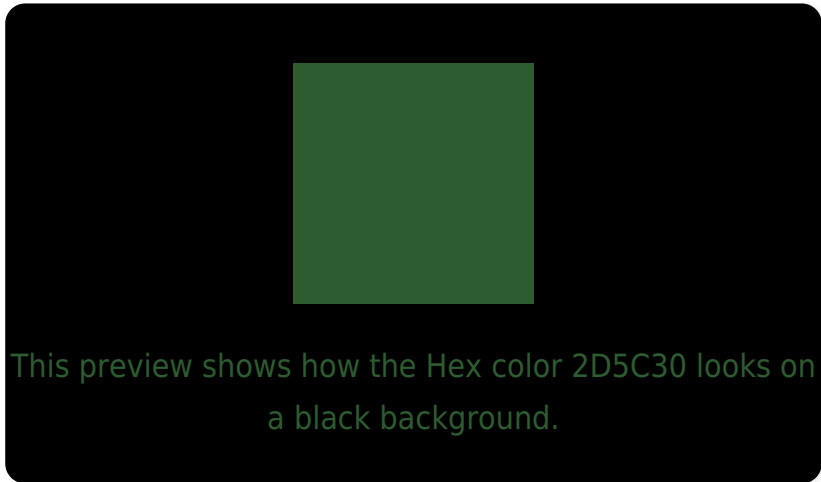
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

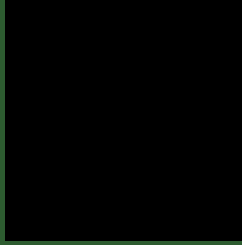
Any Text WCAG AA × Fail

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 2D5C30 Background



This preview shows how black text looks on a background with the Hex color 2D5C30.



This preview shows how white text looks on a background with the Hex color 2D5C30.

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
2D5C30

Protanopia
5A522C

Deuteranopia
634E33

Trichromacy



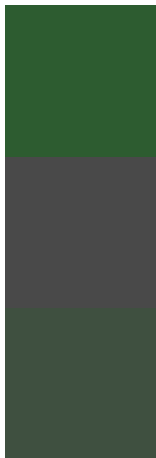
Original Color
2D5C30

Protanomaly
4A562D

Deuteranomaly
4F5332

Tritanomaly
33594D

Monochromacy



Original Color
2D5C30

Achromatopsia
494949

Achromatomaly
3F5040

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5C30 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 #2D5C30 looks like.

```
.text, #text, p{  
    color:#2D5C30  
}
```

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 #2D5C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5C30
}
```

Border

The CSS property to change the border of an element to Hex 2D5C30 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
#2D5C30 }
```

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

```
.border{ border-color:#2D5C30 }
```

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

Here you see how a box with a 4 pixel #2D5C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5C30; -webkit-box-shadow:4px 4px  
4px 4px #2D5C30; box-shadow:4px 4px 4px  
4px #2D5C30 }
```

Background

The CSS property to change the background color of an element to Hex 2D5C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5C30 }
```

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

```
.background{ background-color:#2D5C30 }
```

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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