

Converting Colors

Hex(2D5C37)

Have a look what the booklet for
Hex(2D5C37) contains.

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Color

Hex(2D5C37)

Conversions

Conversions Part 1

Format	Color
Hex	2D5C37
RGB	45, 92, 55
RGB Percent	18%, 36%, 22%
CMY	0.8235, 0.6392, 0.7843
CMYK	0.51, 0.00, 0.40, 0.64
HSL	133°, 34%, 27%
HSV	133°, 51%, 36%
XYZ	5.5989, 8.4880, 4.9577
YIQ	73.7290, -16.1350, -21.4710

Conversions

Conversions Part 2

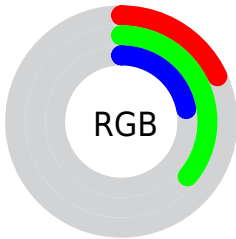
Format	Color
R_{YB}	45, 84, 92
Decimal	2972727
CIE _{Lab}	34.98, -25.19, 16.48
CIE _{LCh}	35, 30.101, 146.810
Yxy	8.4880, 0.2940, 0.4457
Android (android.graphics.Color)	4281162807 (0xFF2D5C37)
YUV	73.7290, -9.2334, -25.1953
Hunter-Lab	29.1342, -16.6813, 10.3047

Details

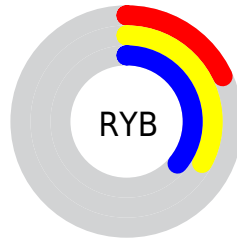
The Hex color **2D5C37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C2D52**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5E8F66**, and **002D0C** is the 20% darker color. If you saturate the color by 10%, you get **245C30**, and if you desaturate by 10%, it is **365C3E**.

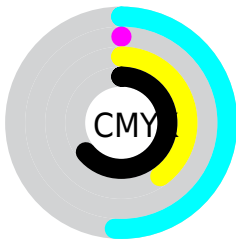
Distribution



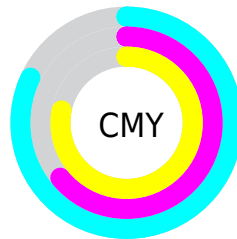
- Red (18%)
- Green (36%)
- Blue (22%)



- Red (18%)
- Yellow (33%)
- Blue (36%)



- Cyan (51%)
- Magenta (0%)
- Yellow (40%)
- Black (64%)



- Cyan (82%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5C37 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 2D5C37 by changing the saturation by 10% instead.

 2D5C37

 2D5C37

FFFFFF

 144421


 5E8F66

 002D0C

 78A97F

 001A00

 92C599

 000000

 ADE1B4

 C9FED0

 E5FFEC

 2D5C37

 2D5C37

 245C30

 365C3E

■ 1B5C29

■ 3F5C45

■ 115C21

■ 495C4D

■ 085C1A

■ 525C54

■ 005C14

■ 5B5C5B

■ 645C62

■ 6D5C6A

■ 775C71

■ 805C78

Harmonies

Analogous

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



4B5726



2D5C37



005E4F

Triad

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



2D5C37



1F5682



7F403E

Complementary

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



2D5C37



5C2D52

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.



7D3E56



2D5C37



504D7D

Square

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



2D5C37



005B7A



6D446D



75472B

Rectangle

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



2D5C37



005E5F



6D446D



803E46

Sweetspot

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



2D5C37



66786A



535C2D



323D35



BDBDBD



3D3D3D

Same Dimension

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



2D5C37



2F783E



2D5C4E



292E2A



006E17



00ED32

Inverse Universe

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



5C2D52



782F68



5C2D3B



2E292D



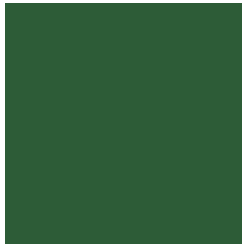
6E0056



ED00BB

Previews

White Background



This preview shows how the Hex color 2D5C37 looks on a white background.

Color Contrast Check

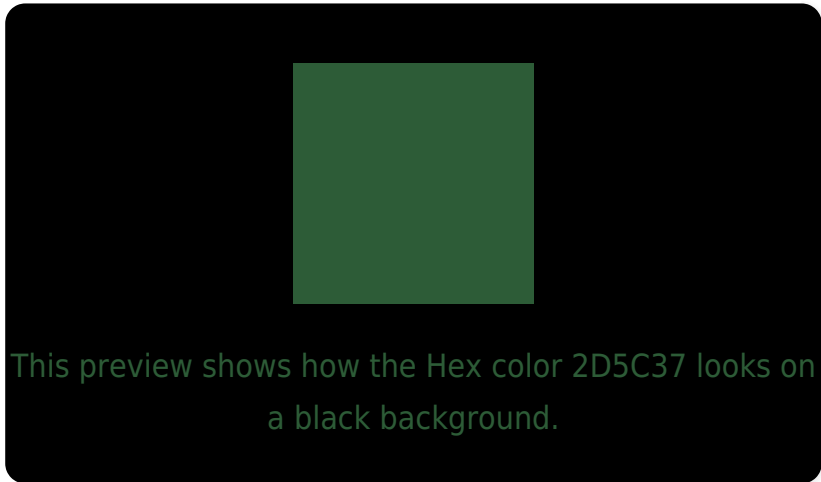
Large Text (above 18pt) WCAG AA ✓ Pass

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

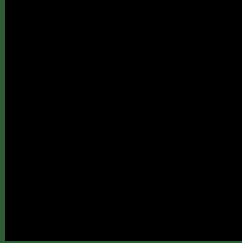
Any Text WCAG AA × Fail

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 2D5C37 Background



This preview shows how black text looks on a background with the Hex color 2D5C37.



This preview shows how white text looks on a background with the Hex color 2D5C37.

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
2D5C37

Protanopia
595233

Deuteranopia
614E3A



Tritanopia
36575E

Trichromacy



Original Color
2D5C37

Protanomaly
495634

Deuteranomaly
4E5339

Tritanomaly
335950

Monochromacy



Original Color
2D5C37

Achromatopsia
4A4A4A

Achromatomaly
3F5143

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5C37 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 #2D5C37 looks like.

```
.text, #text, p{  
    color:#2D5C37  
}
```

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 #2D5C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5C37
}
```

Border

The CSS property to change the border of an element to Hex 2D5C37 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
#2D5C37 }
```

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

```
.border{ border-color:#2D5C37 }
```

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

Here you see how a box with a 4 pixel #2D5C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5C37; -webkit-box-shadow:4px 4px  
4px 4px #2D5C37; box-shadow:4px 4px 4px  
4px #2D5C37 }
```

Background

The CSS property to change the background color of an element to Hex 2D5C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5C37 }
```

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

```
.background{ background-color:#2D5C37 }
```

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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