

Converting Colors

Hex(2D5E27)

Have a look what the booklet for
Hex(2D5E27) contains.

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Color

Hex(2D5E27)

Conversions

Conversions Part 1

Format	Color
Hex	2D5E27
RGB	45, 94, 39
RGB Percent	18%, 37%, 15%
CMY	0.8235, 0.6314, 0.8471
CMYK	0.52, 0.00, 0.59, 0.63
HSL	113°, 41%, 26%
HSV	113°, 59%, 37%
XYZ	5.4511, 8.7098, 3.3133
YIQ	73.0790, -11.5490, -27.4930

Conversions

Conversions Part 2

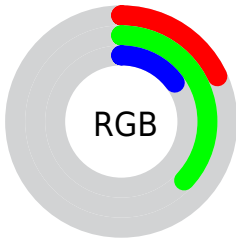
Format	Color
R_{YB}	39, 94, 88
Decimal	2973223
CIE Lab	35.42, -28.82, 26.21
CIE LCh	35, 38.955, 137.707
Yxy	8.7098, 0.3120, 0.4984
Android (android.graphics.Color)	4281163303 (0xFF2D5E27)
YUV	73.0790, -16.8009, -24.6253
Hunter-Lab	29.5123, -18.6766, 14.0022

Details

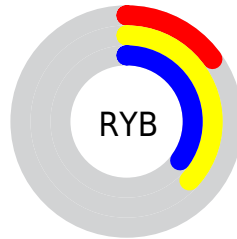
The Hex color **2D5E27** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58275E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5F9156**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **255E1E**, and if you desaturate by 10%, it is **355E30**.

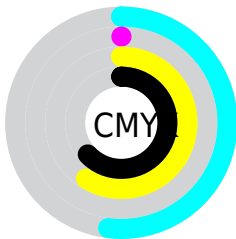
Distribution



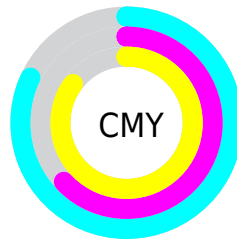
- Red (18%)
- Green (37%)
- Blue (15%)



- Red (15%)
- Yellow (37%)
- Blue (35%)



- Cyan (52%)
- Magenta (0%)
- Yellow (59%)
- Black (63%)



- Cyan (82%)
- Magenta (63%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5E27 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 2D5E27 by changing the saturation by 10% instead.

 2D5E27

 2D5E27

FFFFFF

 134611

 5F9156

 002F00

 79AC6F

 001B00

 94C788

 000000

 AFE3A3

 CBFFBE

 E7FFDA

 FFFFF7

 2D5E27

 2D5E27

■ 255E1E

■ 355E30

■ 1C5E14

■ 3E5E3A

■ 145E0B

■ 465E43

■ 0C5E01

■ 4E5E4D

■ 0A5E00

■ 575E56

■ 5F5E5F

■ 685E69

■ 705E72

■ 785E7C

Harmonies

Analogous

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



525712



2D5E27



006145

Triad

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



2D5E27



005A90



8C3742

Complementary

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



2D5E27



58275E

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.



853861



2D5E27



3C508F

Square

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



2D5E27



006081



6C437E



834126

Rectangle

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



2D5E27



00625B



6C437E



8C364D

Sweetspot

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



2D5E27



677A64



5E5827



313D30



BDBDBD



3D3D3D

Same Dimension

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



2D5E27



2E7A25



275E3C



2A2E29



0C6E00



1AED00

Inverse Universe

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



58275E



71257A



5E2749



2D292E



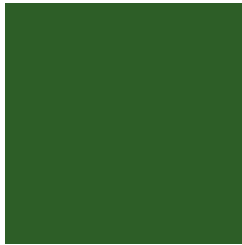
62006E



D300ED

Previews

White Background



This preview shows how the Hex color 2D5E27 looks on a white background.

Color Contrast Check

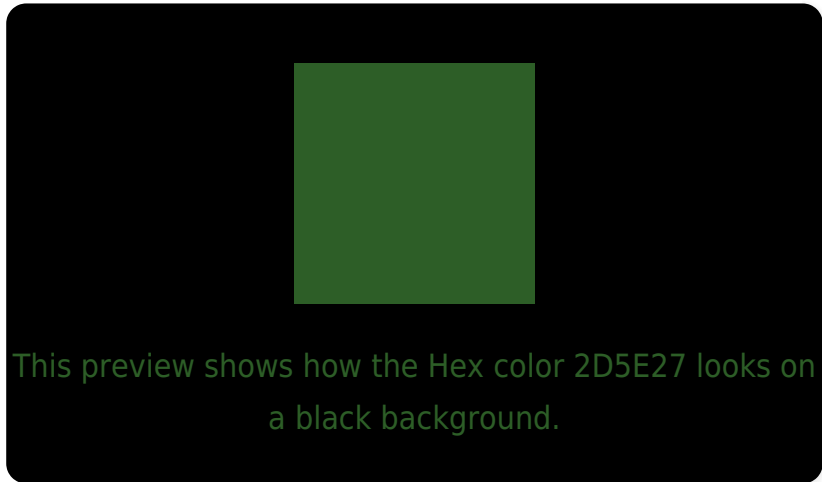
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D5E27 Background



This preview shows how black text looks on a background with the Hex color 2D5E27.



This preview shows how white text looks on a background with the Hex color 2D5E27.

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
2D5E27

Protanopia
5C5324

Deuteranopia
664F2B



Tritanopia
39585F

Trichromacy



Original Color
2D5E27

Protanomaly
4B5725

Deuteranomaly
51542A

Tritanomaly
355A4B

Monochromacy



Original Color
2D5E27

Achromatopsia
494949

Achromatomaly
3F513D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5E27 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 #2D5E27 looks like.

```
.text, #text, p{  
    color:#2D5E27  
}
```

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 #2D5E27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5E27
}
```

Border

The CSS property to change the border of an element to Hex 2D5E27 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
#2D5E27 }
```

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

```
.border{ border-color:#2D5E27 }
```

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

Here you see how a box with a 4 pixel #2D5E27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5E27; -webkit-box-shadow:4px 4px  
4px 4px #2D5E27; box-shadow:4px 4px 4px  
4px #2D5E27 }
```

Background

The CSS property to change the background color of an element to Hex 2D5E27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5E27 }
```

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

```
.background{ background-color:#2D5E27 }
```

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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