

Converting Colors

Hex(2D5943)

Have a look what the booklet for
Hex(2D5943) contains.

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Color

Hex(2D5943)

Conversions

Conversions Part 1

Format	Color
Hex	2D5943
RGB	45, 89, 67
RGB Percent	18%, 35%, 26%
CMY	0.8235, 0.6510, 0.7373
CMYK	0.49, 0.00, 0.25, 0.65
HSL	150°, 33%, 26%
HSV	150°, 49%, 35%
XYZ	5.6677, 8.1079, 6.5765
YIQ	73.3360, -19.1620, -16.1700

Conversions

Conversions Part 2

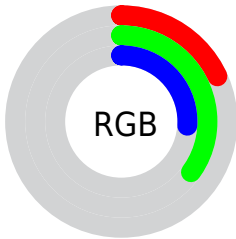
Format	Color
RYB	45, 74, 89
Decimal	2971971
CIELab	34.21, -21.07, 8.09
CIELCh	34, 22.568, 158.987
Yxy	8.1079, 0.2785, 0.3984
Android (android.graphics.Color)	4281162051 (0xFF2D5943)
YUV	73.3360, -3.1236, -24.8507
Hunter-Lab	28.4744, -14.3006, 6.2384

Details

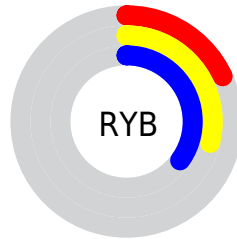
The Hex color **2D5943** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **592D43**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5E8B73**, and **002B18** is the 20% darker color. If you saturate the color by 10%, you get **24593F**, and if you desaturate by 10%, it is **365947**.

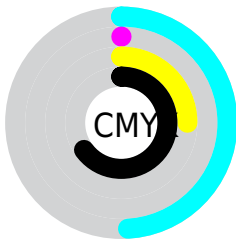
Distribution



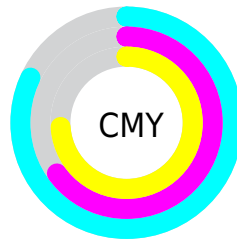
- Red (18%)
- Green (35%)
- Blue (26%)



- Red (18%)
- Yellow (29%)
- Blue (35%)



- Cyan (49%)
- Magenta (0%)
- Yellow (25%)
- Black (65%)



- Cyan (82%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5943 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 2D5943 by changing the saturation by 10% instead.

■ 2D5943

■ 2D5943

FFFFFF

■ 15412D

■ 5E8B73

■ 002B18

■ 77A68D

■ 001700

■ 91C1A7

■ 000000

■ ACDDC2

■ C8FADE

■ E4FFFB

■ 2D5943

■ 2D5943

■ 24593F

■ 365947

■ 1B593A

■ 3F594C

■ 125936

■ 485950

■ 095931

■ 515955

■ 01592D

■ 5A5959

■ 00592D

■ 62595E

■ 6B5962

■ 745967

■ 7D596B

Harmonies

Analogous

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



435634



2D5943



125A55

Triad

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



2D5943



3F5074



71453B

Complementary

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



2D5943



592D43

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.



73424C



2D5943



594A6C

Square

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



2D5943



1F5671



6B445E



674B2F

Rectangle

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



2D5943



005A61



6B445E



734440

Sweetspot

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



2D5943



62736A



43592D



303B35



BABABA



3B3B3B

Same Dimension

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



2D5943



2F7351



2D5959



272B29



006B36



00EB75

Inverse Universe

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



592D43



732F51



592D2D



2B2729



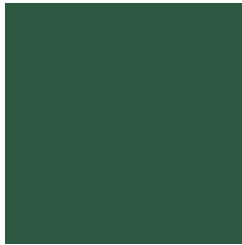
6B0036



EB0075

Previews

White Background



This preview shows how the Hex color 2D5943 looks on a white background.

Color Contrast Check

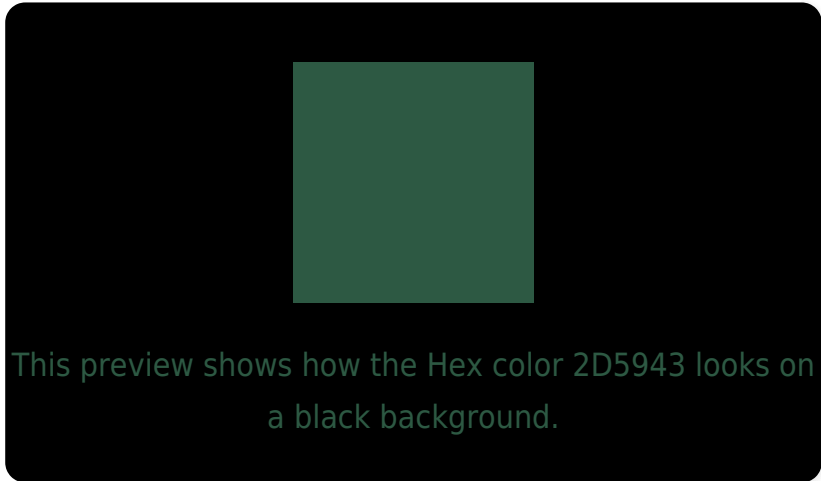
Large Text (above 18pt) WCAG AA ✓ Pass

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

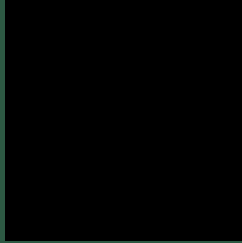
Any Text WCAG AA × Fail

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 2D5943 Background



This preview shows how black text looks on a background with the Hex color 2D5943.



This preview shows how white text looks on a background with the Hex color 2D5943.

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
2D5943

Protanopia
55503F

Deuteranopia
5C4D46

Trichromacy



Original Color
2D5943

Protanomaly
465340

Deuteranomaly
4B5145

Tritanomaly
315754

Monochromacy



Original Color
2D5943

Achromatopsia
494949

Achromatomaly
3F4F47

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5943 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 #2D5943 looks like.

```
.text, #text, p{  
    color:#2D5943  
}
```

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 #2D5943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5943
}
```

Border

The CSS property to change the border of an element to Hex 2D5943 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
#2D5943 }
```

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

```
.border{ border-color:#2D5943 }
```

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

Here you see how a box with a 4 pixel #2D5943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5943; -webkit-box-shadow:4px 4px  
4px 4px #2D5943; box-shadow:4px 4px 4px  
4px #2D5943 }
```

Background

The CSS property to change the background color of an element to Hex 2D5943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5943 }
```

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

```
.background{ background-color:#2D5943 }
```

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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