

Converting Colors

Hex(2D5D53)

Have a look what the booklet for
Hex(2D5D53) contains.

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Color

Hex(2D5D53)

Conversions

Conversions Part 1

Format	Color
Hex	2D5D53
RGB	45, 93, 83
RGB Percent	18%, 36%, 33%
CMY	0.8235, 0.6353, 0.6745
CMYK	0.52, 0.00, 0.11, 0.64
HSL	168°, 35%, 27%
HSV	168°, 52%, 36%
XYZ	6.5579, 9.0111, 9.5773
YIQ	77.5080, -25.3980, -13.2860

Conversions

Conversions Part 2

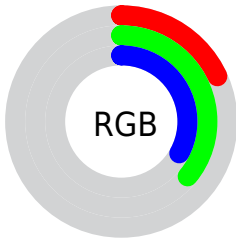
Format	Color
RYB	45, 72, 93
Decimal	2973011
CIELab	36.01, -19.09, 0.72
CIElCh	36, 19.102, 177.842
Yxy	9.0111, 0.2608, 0.3583
Android (android.graphics.Color)	4281163091 (0xFF2D5D53)
YUV	77.5080, 2.7076, -28.5095
Hunter-Lab	30.0185, -13.5372, 2.0967

Details

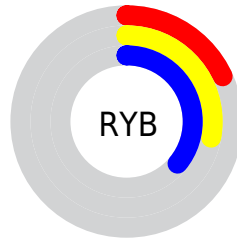
The Hex color **2D5D53** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D2D37**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5F9084**, and **002F26** is the 20% darker color. If you saturate the color by 10%, you get **245D51**, and if you desaturate by 10%, it is **365D55**.

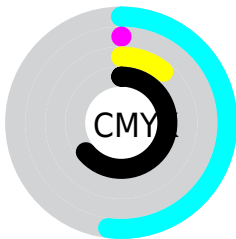
Distribution



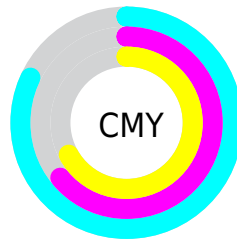
- Red (18%)
- Green (36%)
- Blue (33%)



- Red (18%)
- Yellow (28%)
- Blue (36%)



- Cyan (52%)
- Magenta (0%)
- Yellow (11%)
- Black (64%)



- Cyan (82%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2D5D53 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 2D5D53 by changing the saturation by 10% instead.

 2D5D53

 2D5D53

FFFFFF

 13453C

 5F9084

 002F26

 78AA9E

 001B12

 93C6B9

 000000

 AEE2D5

 CAFEF1

 E6FFFF

 2D5D53

 2D5D53

 245D51

 365D55

■ 1A5D4F

■ 405D57

■ 115D4D

■ 495D59

■ 085D4B

■ 525D5B

■ 005D4A

■ 5C5D5D

■ 655D5F

■ 6E5D61

■ 775D62

■ 815D64

Harmonies

Analogous

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



3F5B44



2D5D53



225D62

Triad

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



2D5D53



555170



6D4E3B

Complementary

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



2D5D53



5D2D37

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.



734A47



2D5D53



674C65

Square

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



2D5D53



3F5673



714956



605336

Rectangle

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



2D5D53



255B6B



714956



6F4D3F

Sweetspot

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



2D5D53



667874



375D2D



323D3B



BDBDBD



3D3D3D

Same Dimension

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



2D5D53



2E7868



2D4F5D



292E2D



006E57



00EDBC

Inverse Universe

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



5D2D37



782E3D



5D3B2D



2E292A



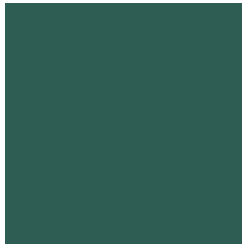
6E0017



ED0031

Previews

White Background



This preview shows how the Hex color 2D5D53 looks on a white background.

Color Contrast Check

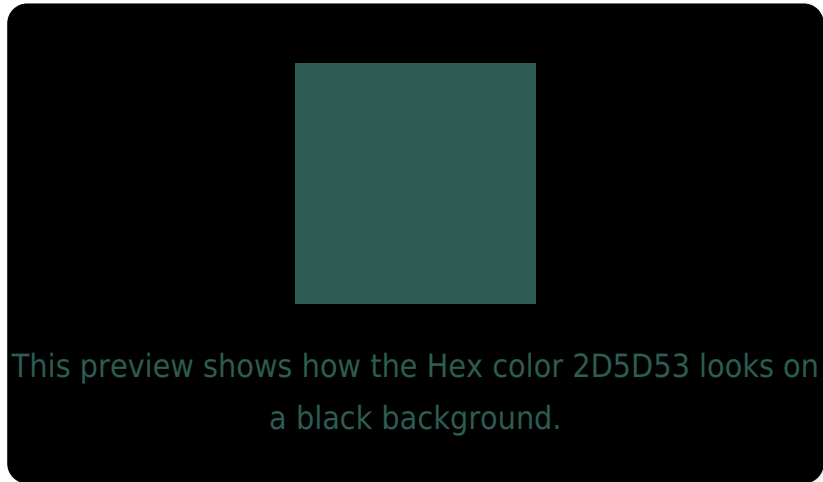
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D5D53 Background



This preview shows how black text looks on a background with the Hex color 2D5D53.



This preview shows how white text looks on a background with the Hex color 2D5D53.

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
2D5D53

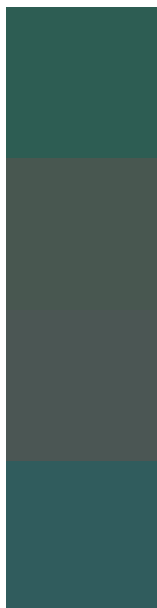
Protanopia
57544E

Deuteranopia
5C5255



Tritanopia
325B62

Trichromacy



Original Color

2D5D53

Protanomaly

485750

Deuteranomaly

4B5654

Tritanomaly

305C5D

Monochromacy



Original Color

2D5D53

Achromatopsia

4E4E4E

Achromatomaly

425350

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5D53 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 #2D5D53 looks like.

```
.text, #text, p{  
    color:#2D5D53  
}
```

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 #2D5D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5D53
}
```

Border

The CSS property to change the border of an element to Hex 2D5D53 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
#2D5D53 }
```

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

```
.border{ border-color:#2D5D53 }
```

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

Here you see how a box with a 4 pixel #2D5D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5D53; -webkit-box-shadow:4px 4px  
4px 4px #2D5D53; box-shadow:4px 4px 4px  
4px #2D5D53 }
```

Background

The CSS property to change the background color of an element to Hex 2D5D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5D53 }
```

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

```
.background{ background-color:#2D5D53 }
```

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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