

# Converting Colors

Hex(2D5D58)

Have a look what the booklet for  
Hex(2D5D58) contains.

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# Color

**Hex(2D5D58)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2D5D58
RGB	45, 93, 88
RGB Percent	18%, 36%, 35%
CMY	0.8235, 0.6353, 0.6549
CMYK	0.52, 0.00, 0.05, 0.64
HSL	174°, 35%, 27%
HSV	174°, 52%, 36%
XYZ	6.7580, 9.0912, 10.6311
YIQ	78.0780, -27.0030, -11.7310

# Conversions

## Conversions Part 2

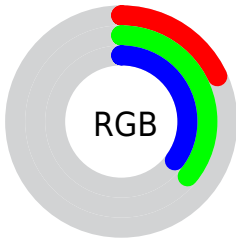
Format	Color
<b>RYB</b>	45, 70, 93
Decimal	2973016
CIELab	36.16, -17.68, -2.17
CIELCh	36, 17.817, 186.980
Yxy	9.0912, 0.2552, 0.3433
Android (android.graphics.Color)	4281163096 (0xFF2D5D58)
YUV	78.0780, 4.8915, -29.0094
Hunter-Lab	30.1516, -12.7573, 0.2011




# Details

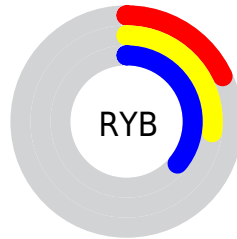
The Hex color **2D5D58** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D2D32**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **5F908A**, and **002F2B** is the 20% darker color. If you saturate the color by 10%, you get **245D57**, and if you desaturate by 10%, it is **365D59**.

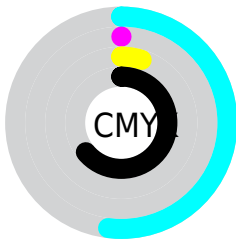
# Distribution







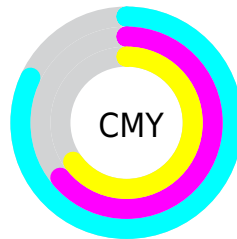
-  Red (18%)
-  Green (36%)
-  Blue (35%)






-  Red (18%)
-  Yellow (27%)
-  Blue (36%)



-  Cyan (52%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (64%)



-  Cyan (82%)
-  Magenta (64%)
-  Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D5D58 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 2D5D58 by changing the saturation by 10% instead.



 2D5D58

 2D5D58

FFFFFF

 134541

 5F908A

 002F2B

 79AAA4

 001B16

 93C5BF

 000000

 AEE2DB

 CAFEF7

 E7FFFF

 2D5D58

 2D5D58

 245D57

 365D59

■ 1A5D56

■ 405D5A

■ 115D55

■ 495D5B

■ 085D54

■ 525D5C

■ 005D53

■ 5C5D5D

■ 655D5E

■ 6E5D5F

■ 775D60

■ 815D61

# Harmonies

## Analogous

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



3C5C49



2D5D58



285C66

# Triad

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



2D5D58



5B506C



69503B

# Complementary

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



2D5D58



5D2D32

# 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.



704C45



2D5D58



6A4C61

# Square

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



2D5D58



475571



714A52



5C5539

# Rectangle

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



2D5D58



2E5B6D



714A52



6C4F3E



# Sweetspot

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



2D5D58



667876



335D2D



323D3C



BDBDBD



3D3D3D



# Same Dimension

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



2D5D58



2E7870



2D4B5D



292E2D



006E62



00EDD4



# Inverse Universe

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



5D2D32



782E35



5D3F2D



2E292A



6E000B



ED0019



# Previews

## White Background



This preview shows how the Hex color 2D5D58 looks on a white background.

## Color Contrast Check

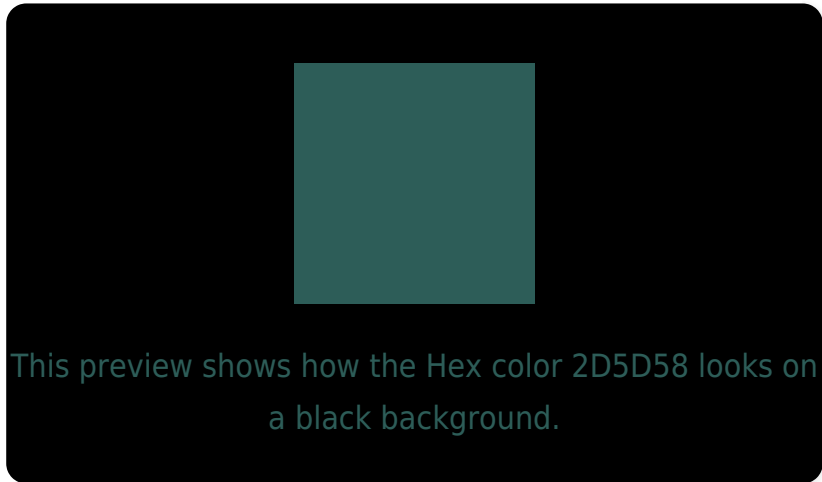
Large Text (above 18pt) WCAG AA ✓ Pass

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

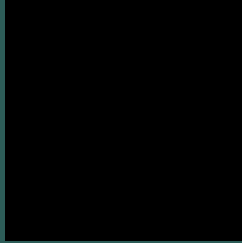
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

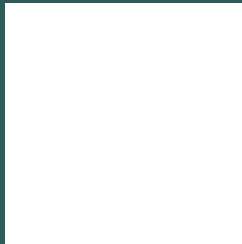
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2D5D58 Background



This preview shows how black text looks on a background with the Hex color 2D5D58.



This preview shows how white text looks on a background with the Hex color 2D5D58.

# 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**  
2D5D58

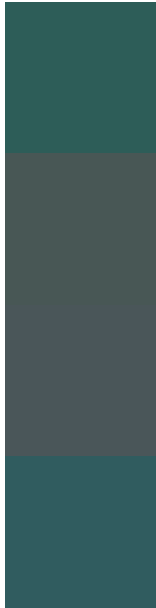
**Protanopia**  
575453

**Deuteranopia**  
5A525A



**Tritanopia**  
315B63

# Trichromacy



**Original Color**  
2D5D58

**Protanomaly**  
485755

**Deuteranomaly**  
4A5659

**Tritanomaly**  
305C5F

# Monochromacy



**Original Color**  
2D5D58

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
425352

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D5D58 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 #2D5D58 looks like.

```
.text, #text, p{  
    color:#2D5D58  
}
```

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 #2D5D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5D58  
}
```

## Border

The CSS property to change the border of an element to Hex 2D5D58 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  
#2D5D58 }
```

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

```
.border{ border-color:#2D5D58 }
```

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

Here you see how a box with a 4 pixel #2D5D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5D58; -webkit-box-shadow:4px 4px  
4px 4px #2D5D58; box-shadow:4px 4px 4px  
4px #2D5D58 }
```

# Background

The CSS property to change the background color of an element to Hex 2D5D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5D58 }
```

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

```
.background{ background-color:#2D5D58 }
```

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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