

# Converting Colors

Hex(2D5759)

Have a look what the booklet for  
Hex(2D5759) contains.

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# Color

**Hex(2D5759)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2D5759
RGB	45, 87, 89
RGB Percent	18%, 34%, 35%
CMY	0.8235, 0.6588, 0.6510
CMYK	0.49, 0.02, 0.00, 0.65
HSL	183°, 33%, 26%
HSV	183°, 49%, 35%
XYZ	6.2936, 8.0955, 10.6821
YIQ	74.6700, -25.6740, -8.2820

# Conversions

## Conversions Part 2

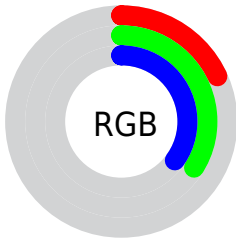
Format	Color
<b>RYB</b>	45, 66, 89
Decimal	2971481
CIELab	34.18, -14.02, -5.72
CIElCh	34, 15.140, 202.210
Yxy	8.0955, 0.2510, 0.3229
Android (android.graphics.Color)	4281161561 (0xFF2D5759)
YUV	74.6700, 7.0647, -26.0206
Hunter-Lab	28.4527, -10.3091, -2.3426

# Details

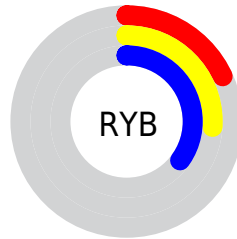
The Hex color **2D5759** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **592F2D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5E898B**, and **00292C** is the 20% darker color. If you saturate the color by 10%, you get **245759**, and if you desaturate by 10%, it is **365759**.

# Distribution



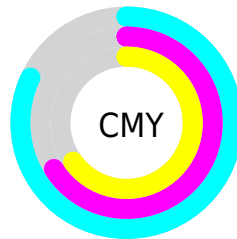
- Red (18%)
- Green (34%)
- Blue (35%)



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



- Cyan (49%)
- Magenta (2%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (66%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D5759 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 2D5759 by changing the saturation by 10% instead.



■ 2D5759

■ 2D5759

FFFFFF

■ 144042

■ 5E898B

■ 00292C

■ 78A3A5

■ 001617

■ 93BEC0

■ 000000

■ AEDADC

■ C9F7F9

■ E6FFFF

■ 2D5759

■ 2D5759

■ 245759

■ 365759

■ 1B5659

■ 3F5859

■ 125659

■ 485859

■ 095559

■ 515959

■ 015559

■ 5A5959

■ 005559

■ 625959

■ 6B5A59

■ 745A59

■ 7D5B59

# Harmonies

## Analogous

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



35574D



2D5759



305563

# Triad

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



2D5759



5D4A5F



5C4F39

# Complementary

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



2D5759



592F2D

# 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.



654B3E



2D5759



664854

# Square

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



2D5759



4E4E67



694848



50523A

# Rectangle

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



2D5759



385467



694848



604D3A



# Sweetspot

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



2D5759



627273



2D592E



303A3B



BABABA



3B3B3B



# Same Dimension

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



2D5759



2F7073



2D4259



272B2B



00666B



00E0EB



# Inverse Universe

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



592D57



732F70



59442D



2B272B



6B0066

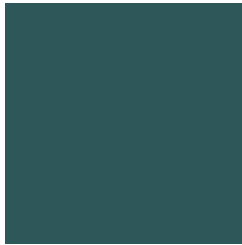


EB00E0



# Previews

## White Background



This preview shows how the Hex color 2D5759 looks on a white background.

## Color Contrast Check

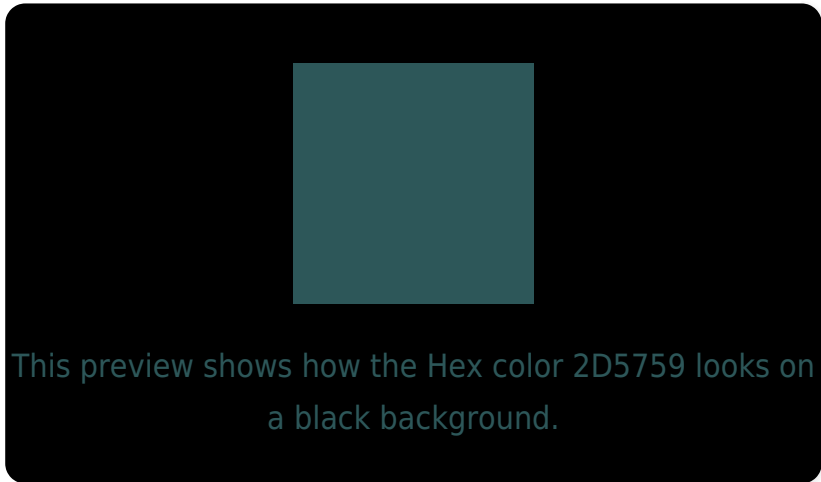
Large Text (above 18pt) WCAG AA ✓ Pass

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

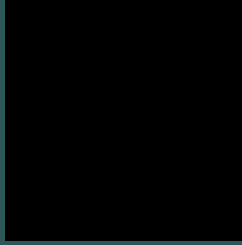
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

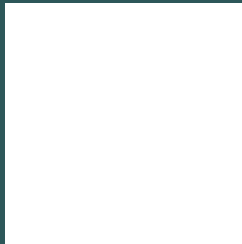
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2D5759 Background



This preview shows how black text looks on a background with the Hex color 2D5759.



This preview shows how white text looks on a background with the Hex color 2D5759.

# 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](#).

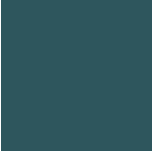
## Dichromacy



**Original Color**  
2D5759

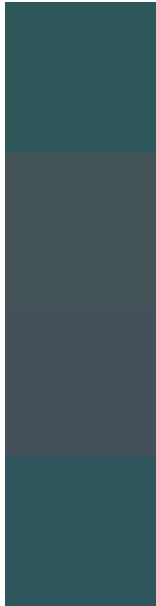
**Protanopia**  
505054

**Deuteranopia**  
534E5B



**Tritanopia**  
2E565D

# Trichromacy



**Original Color**  
2D5759

**Protanomaly**  
435356

**Deuteranomaly**  
45515A

**Tritanomaly**  
2E565C

# Monochromacy



**Original Color**  
2D5759

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
404F50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D5759 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 #2D5759 looks like.

```
.text, #text, p{  
    color:#2D5759  
}
```

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 #2D5759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5759
}
```

## Border

The CSS property to change the border of an element to Hex 2D5759 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
#2D5759 }
```

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

```
.border{ border-color:#2D5759 }
```

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

Here you see how a box with a 4 pixel #2D5759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5759; -webkit-box-shadow:4px 4px  
4px 4px #2D5759; box-shadow:4px 4px 4px  
4px #2D5759 }
```

# Background

The CSS property to change the background color of an element to Hex 2D5759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5759 }
```

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

```
.background{ background-color:#2D5759 }
```

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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