

# Converting Colors

Hex(2D5B56)

Have a look what the booklet for  
Hex(2D5B56) contains.

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# Color

Hex(2D5B56)

# Conversions

## Conversions Part 1

Format	Color
Hex	2D5B56
RGB	45, 91, 86
RGB Percent	18%, 36%, 34%
CMY	0.8235, 0.6431, 0.6627
CMYK	0.51, 0.00, 0.05, 0.64
HSL	173°, 34%, 27%
HSV	173°, 51%, 36%
XYZ	6.5030, 8.7119, 10.1429
YIQ	76.6760, -25.8110, -11.3070

# Conversions

## Conversions Part 2

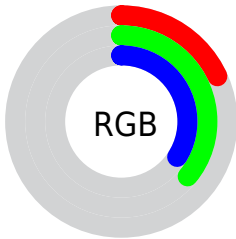
Format	Color
<a href="#">RYB</a>	<a href="#">45, 69, 91</a>
Decimal	<a href="#">2972502</a>
CIELab	<a href="#">35.42, -17.15, -2.00</a>
CIELCh	<a href="#">35, 17.269, 186.656</a>
Yxy	<a href="#">8.7119, 0.2564, 0.3436</a>
Android (android.graphics.Color)	<a href="#">4281162582 (0xFF2D5B56)</a>
YUV	<a href="#">76.6760, 4.5967, -27.7799</a>
Hunter-Lab	<a href="#">29.5160, -12.3258, 0.2867</a>




# Details

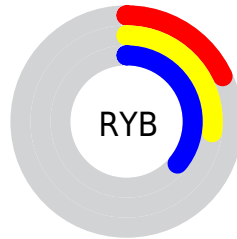
The Hex color **2D5B56** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B2D32**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **5F8D88**, and **002D29** is the 20% darker color. If you saturate the color by 10%, you get **245B55**, and if you desaturate by 10%, it is **365B57**.

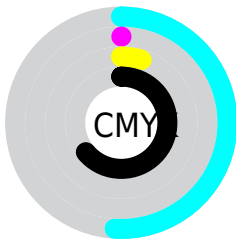
# Distribution







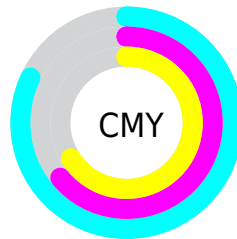
-  Red (18%)
-  Green (36%)
-  Blue (34%)






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



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (64%)



-  Cyan (82%)
-  Magenta (64%)
-  Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D5B56 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 2D5B56 by changing the saturation by 10% instead.





2D5B56



2D5B56

FFFFFF



13433F



5F8D88



002D29



78A8A2



001A15



93C3BD



000000



AEDFD9



CAFCE5



E6FFFF



2D5B56



2D5B56



245B55



365B57

■ 1B5B54

■ 3F5B58

■ 125B53

■ 485B59

■ 095B52

■ 515B5A

■ 005B51

■ 5B5B5B

■ 645B5C

■ 6D5B5D

■ 765B5E

■ 7F5B5F

# Harmonies

## Analogous

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



3B5A48



2D5B56



285A63

# Triad

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



2D5B56



594F69



664F3A

# Complementary

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



2D5B56



5B2D32

# 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.



6E4B43



2D5B56



684B5F

# Square

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



2D5B56



46546E



6F4951



5A5338

# Rectangle

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



2D5B56



2E596A



6F4951



694D3D



# Sweetspot

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



2D5B56



647573



325B2D



303B3A



BABABA



3B3B3B



# Same Dimension

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



2D5B56



2E756E



2D495B



292E2D



006E62



00EDD3



# Inverse Universe

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



5B2D32



752E36



5B3F2D



2E292A



6E000C



ED001A



# Previews

## White Background



This preview shows how the Hex color 2D5B56 looks on a white background.

## Color Contrast Check

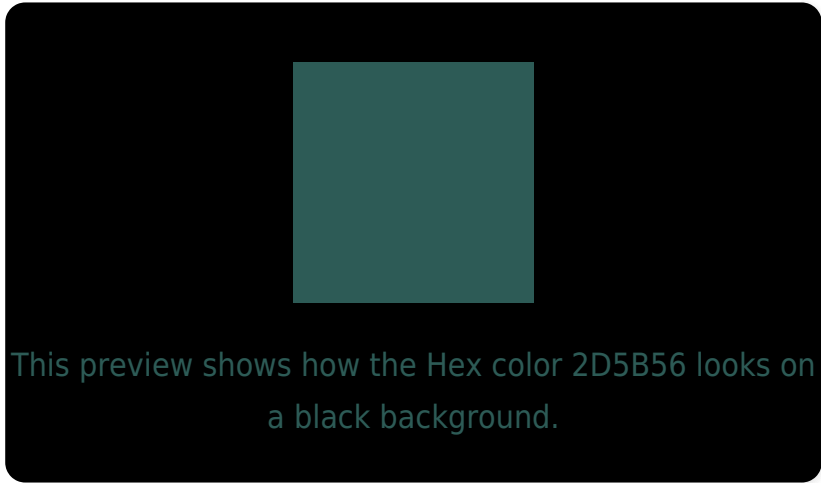
Large Text (above 18pt) WCAG AA ✓ Pass

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

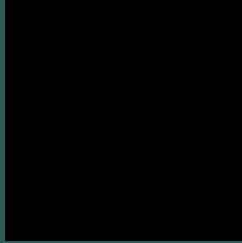
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2D5B56 Background



This preview shows how black text looks on a background with the Hex color 2D5B56.



This preview shows how white text looks on a background with the Hex color 2D5B56.

# 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](#).

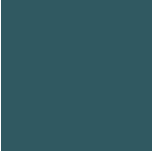
## Dichromacy



**Original Color**  
2D5B56

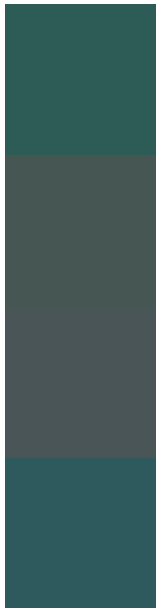
**Protanopia**  
553351

**Deuteranopia**  
595158



**Tritanopia**  
305961

# Trichromacy



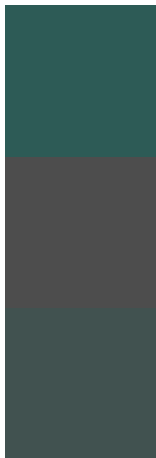
**Original Color**  
2D5B56

**Protanomaly**  
465653

**Deuteranomaly**  
495557

**Tritanomaly**  
2F5A5D

# Monochromacy



**Original Color**  
2D5B56

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
415250

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D5B56 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 #2D5B56 looks like.

```
.text, #text, p{  
    color:#2D5B56  
}
```

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 #2D5B56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5B56
}
```

## Border

The CSS property to change the border of an element to Hex 2D5B56 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
#2D5B56 }
```

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

```
.border{ border-color:#2D5B56 }
```

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

Here you see how a box with a 4 pixel #2D5B56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5B56; -webkit-box-shadow:4px 4px  
4px 4px #2D5B56; box-shadow:4px 4px 4px  
4px #2D5B56 }
```

# Background

The CSS property to change the background color of an element to Hex 2D5B56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5B56 }
```

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

```
.background{ background-color:#2D5B56 }
```

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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