

Converting Colors

Hex(2D5954)

Have a look what the booklet for
Hex(2D5954) contains.

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Color

Hex(2D5954)

Conversions

Conversions Part 1

Format	Color
Hex	2D5954
RGB	45, 89, 84
RGB Percent	18%, 35%, 33%
CMY	0.8235, 0.6510, 0.6706
CMYK	0.49, 0.00, 0.06, 0.65
HSL	173°, 33%, 26%
HSV	173°, 49%, 35%
XYZ	6.2548, 8.3427, 9.6682
YIQ	75.2740, -24.6190, -10.8830

Conversions

Conversions Part 2

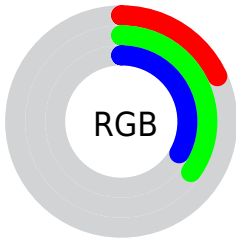
Format	Color
RYB	45, 68, 89
Decimal	2971988
CIELab	34.69, -16.61, -1.84
CIElCh	35, 16.713, 186.304
Yxy	8.3427, 0.2578, 0.3438
Android (android.graphics.Color)	4281162068 (0xFF2D5954)
YUV	75.2740, 4.3019, -26.5503
Hunter-Lab	28.8838, -11.8924, 0.3728




Details

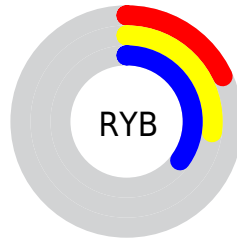
The Hex color **2D5954** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **592D32**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **5E8B85**, and **002B27** is the 20% darker color. If you saturate the color by 10%, you get **245953**, and if you desaturate by 10%, it is **365955**.

Distribution







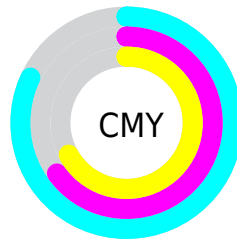
-  Red (18%)
-  Green (35%)
-  Blue (33%)






-  Red (18%)
-  Yellow (27%)
-  Blue (35%)



-  Cyan (49%)
-  Magenta (0%)
-  Yellow (6%)
-  Black (65%)



-  Cyan (82%)
-  Magenta (65%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5954 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 2D5954 by changing the saturation by 10% instead.



2D5954



2D5954

FFFFFF



14413D



5E8B85



002B27



78A6A0



001813



92C1BB



000000



ADDDD6



C9F9F3



E6FFFF



2D5954



2D5954



245953



365955

■ 1B5952

■ 3F5956

■ 125951

■ 485957

■ 095950

■ 515958

■ 01594F

■ 5A5959

■ 00594F

■ 62595A

■ 6B595B

■ 74595C

■ 7D595D

Harmonies

Analogous

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



3A5846



2D5954



285861

Triad

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



2D5954



574D67



644D3A

Complementary

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



2D5954



592D32

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.



6B4942



2D5954



65495D

Square

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



2D5954



45526C



6C484F



585237

Rectangle

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



2D5954



2E5767



6C484F



674C3C

Sweetspot

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



2D5954



627371



32592D



303B39



BABABA



3B3B3B

Same Dimension

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



2D5954



2F736B



2D4859



272B2B



006B5F



00EBD0

Inverse Universe

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



592D32



732F37



593E2D



2B2728



6B000C



EB001B

Previews

White Background



This preview shows how the Hex color 2D5954 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

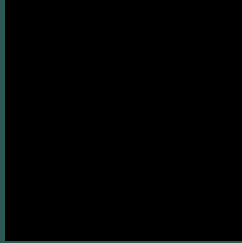
Any Text WCAG AA × Fail

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 2D5954 Background



This preview shows how black text looks on a background with the Hex color 2D5954.



This preview shows how white text looks on a background with the Hex color 2D5954.

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
2D5954

Protanopia
53514F

Deuteranopia
574F56



Tritanopia
30575E

Trichromacy



Original Color
2D5954

Protanomaly
455451

Deuteranomaly
485355

Tritanomaly
2F585A

Monochromacy



Original Color
2D5954

Achromatopsia
4B4B4B

Achromatomaly
40504E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5954 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 #2D5954 looks like.

```
.text, #text, p{  
    color:#2D5954  
}
```

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 #2D5954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5954
}
```

Border

The CSS property to change the border of an element to Hex 2D5954 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
#2D5954 }
```

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

```
.border{ border-color:#2D5954 }
```

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

Here you see how a box with a 4 pixel #2D5954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5954; -webkit-box-shadow:4px 4px  
4px 4px #2D5954; box-shadow:4px 4px 4px  
4px #2D5954 }
```

Background

The CSS property to change the background color of an element to Hex 2D5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5954 }
```

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

```
.background{ background-color:#2D5954 }
```

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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