

Converting Colors

Hex(2D5039)

Have a look what the booklet for
Hex(2D5039) contains.

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Color

Hex(2D5039)

Conversions

Conversions Part 1

Format	Color
Hex	2D5039
RGB	45, 80, 57
RGB Percent	18%, 31%, 22%
CMY	0.8235, 0.6863, 0.7765
CMYK	0.44, 0.00, 0.29, 0.69
HSL	141°, 28%, 25%
HSV	141°, 44%, 31%
XYZ	4.6894, 6.5906, 4.8959
YIQ	66.9130, -13.4770, -14.5730

Conversions

Conversions Part 2

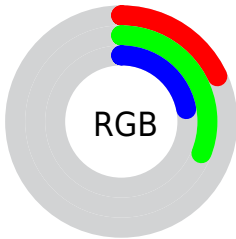
Format	Color
RYB	45, 71, 80
Decimal	2969657
CIELab	30.86, -18.58, 9.67
CIELCh	31, 20.946, 152.514
Yxy	6.5906, 0.2899, 0.4074
Android (android.graphics.Color)	4281159737 (0xFF2D5039)
YUV	66.9130, -4.8871, -19.2177
Hunter-Lab	25.6722, -12.3210, 6.6635

Details

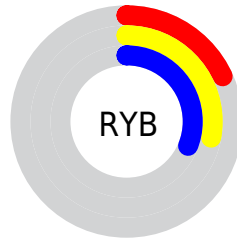
The Hex color **2D5039** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **502D44**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5D8268**, and **00230E** is the 20% darker color. If you saturate the color by 10%, you get **255034**, and if you desaturate by 10%, it is **35503E**.

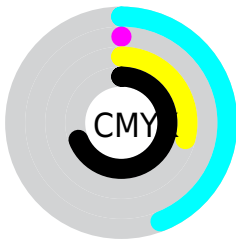
Distribution



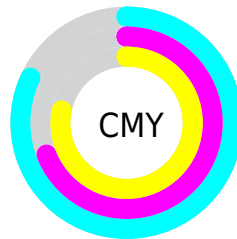
- Red (18%)
- Green (31%)
- Blue (22%)



- Red (18%)
- Yellow (28%)
- Blue (31%)



- Cyan (44%)
- Magenta (0%)
- Yellow (29%)
- Black (69%)



- Cyan (82%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5039 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 2D5039 by changing the saturation by 10% instead.

 2D5039

 2D5039

FFFFFF

 163923

 5D8268

 00230E

 769C81

 000600

 90B79B

 000000

 ABD2B6

 C6EFD2

 E2FFEE

 2D5039

 2D5039

 255034

 35503E

■ 1D502E

■ 3D5044

■ 155029

■ 455049

■ 0D5024

■ 4D504E

■ 05501F

■ 555053

■ 00501B

■ 5D5059

■ 65505E

■ 6D5063

■ 755068

Harmonies

Analogous

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



414D2C



2D5039



165149

Triad

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



2D5039



334A69



673E38

Complementary

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



2D5039



502D44

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.



673C48



2D5039



4C4464

Square

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



2D5039



154E65



5E3E58



60422C

Rectangle

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



2D5039



045155



5E3E58



683D3D

Sweetspot

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



2D5039



5B6960



44502D



2D3630



B5B5B5



363636

Same Dimension

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



2D5039



316944



2D504A



252926



006924



00E850

Inverse Universe

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



502D44



693156



502D33



292527



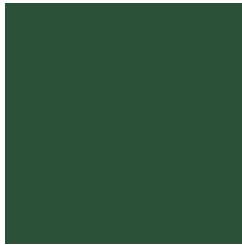
690045



E80098

Previews

White Background



This preview shows how the Hex color 2D5039 looks on a white background.

Color Contrast Check

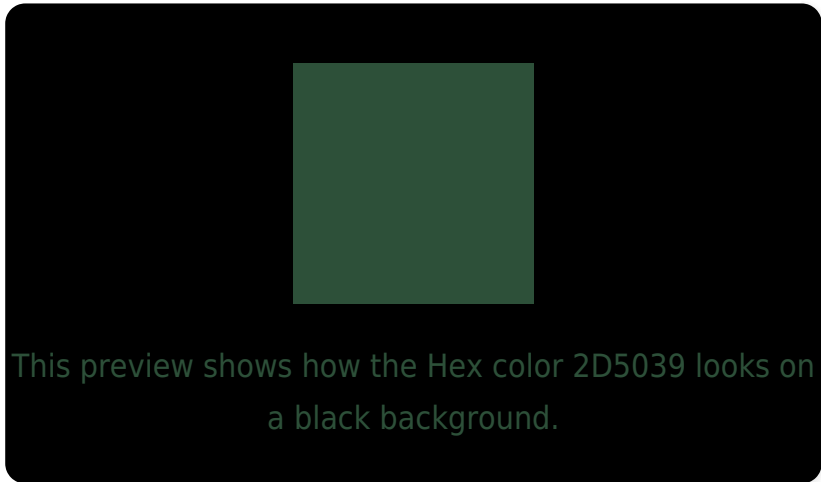
Large Text (above 18pt) WCAG AA ✓ Pass

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

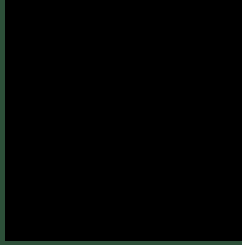
Any Text WCAG AA × Fail

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 2D5039 Background



This preview shows how black text looks on a background with the Hex color 2D5039.



This preview shows how white text looks on a background with the Hex color 2D5039.

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
2D5039

Protanopia
4E4836

Deuteranopia
54463B



Tritanopia
334D53

Trichromacy



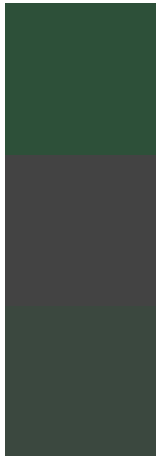
Original Color
2D5039

Protanomaly
424B37

Deuteranomaly
464A3A

Tritanomaly
314E4A

Monochromacy



Original Color
2D5039

Achromatopsia
434343

Achromatomaly
3B483F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5039 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 #2D5039 looks like.

```
.text, #text, p{  
    color:#2D5039  
}
```

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 #2D5039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5039
}
```

Border

The CSS property to change the border of an element to Hex 2D5039 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
#2D5039 }
```

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

```
.border{ border-color:#2D5039 }
```

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

Here you see how a box with a 4 pixel #2D5039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5039; -webkit-box-shadow:4px 4px  
4px 4px #2D5039; box-shadow:4px 4px 4px  
4px #2D5039 }
```

Background

The CSS property to change the background color of an element to Hex 2D5039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5039 }
```

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

```
.background{ background-color:#2D5039 }
```

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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