

Converting Colors

Hex(2D4033)

Have a look what the booklet for
Hex(2D4033) contains.

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Color

Hex(2D4033)

Conversions

Conversions Part 1

Format	Color
Hex	2D4033
RGB	45, 64, 51
RGB Percent	18%, 25%, 20%
CMY	0.8235, 0.7490, 0.8000
CMYK	0.30, 0.00, 0.20, 0.75
HSL	139°, 17%, 21%
HSV	139°, 30%, 25%
XYZ	3.5131, 4.4637, 3.8084
YIQ	56.8370, -7.1510, -8.0710

Conversions

Conversions Part 2

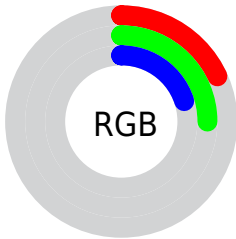
Format	Color
RYB	45, 59, 64
Decimal	2965555
CIELab	25.15, -10.81, 5.54
CIELCh	25, 12.148, 152.871
Yxy	4.4637, 0.2981, 0.3788
Android (android.graphics.Color)	4281155635 (0xFF2D4033)
YUV	56.8370, -2.8776, -10.3810
Hunter-Lab	21.1275, -7.2917, 4.1018

Details

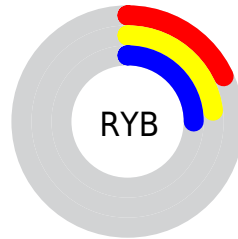
The Hex color **2D4033** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **402D3A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5B7061**, and **001605** is the 20% darker color. If you saturate the color by 10%, you get **27402F**, and if you desaturate by 10%, it is **334037**.

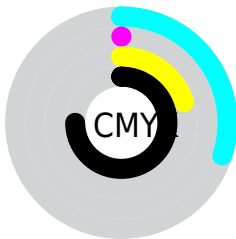
Distribution



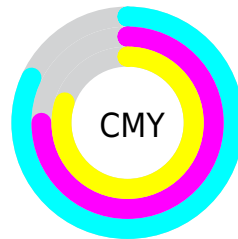
- Red (18%)
- Green (25%)
- Blue (20%)



- Red (18%)
- Yellow (23%)
- Blue (25%)



- Cyan (30%)
- Magenta (0%)
- Yellow (20%)
- Black (75%)



- Cyan (82%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4033 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 2D4033 by changing the saturation by 10% instead.

■ 2D4033

■ 2D4033

FFFFFF

■ 182A1E

■ 5B7061

■ 001605

■ 74897A

■ 000000

■ 8EA494

■ A8BFAF

■ C3DACA

■ DFF7E6

■ FCFFFF

■ 2D4033

■ 2D4033

■ 27402F

■ 334037

■ 20402A

■ 3A403C

■ 1A4026

■ 404040

■ 134021

■ 474045

■ 0D401D

■ 4D4049

■ 074019

■ 53404D

■ 004014

■ 5A4052

■ 604056

■ 67405A

Harmonies

Analogous

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



383E2C



2D4033



24413C

Triad

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



2D4033



323C4E



4E3632

Complementary

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



2D4033



402D3A

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.



4E353B



2D4033



3E394B

Square

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



2D4033



263F4C



483644



49382C

Rectangle

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



2D4033



214142



483644



4E3535

Sweetspot

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



2D4033



4D544F



3A402D



272B28



ABABAB



2B2B2B

Same Dimension

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



2D4033



36543F



2D403C



1E211F



00611F



00E047

Inverse Universe

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



402D3A



54364B



402D31



211E20



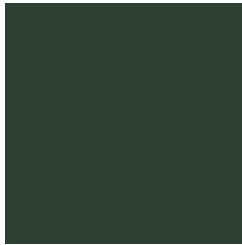
610042



E0009A

Previews

White Background



This preview shows how the Hex color 2D4033 looks on a white background.

Color Contrast Check

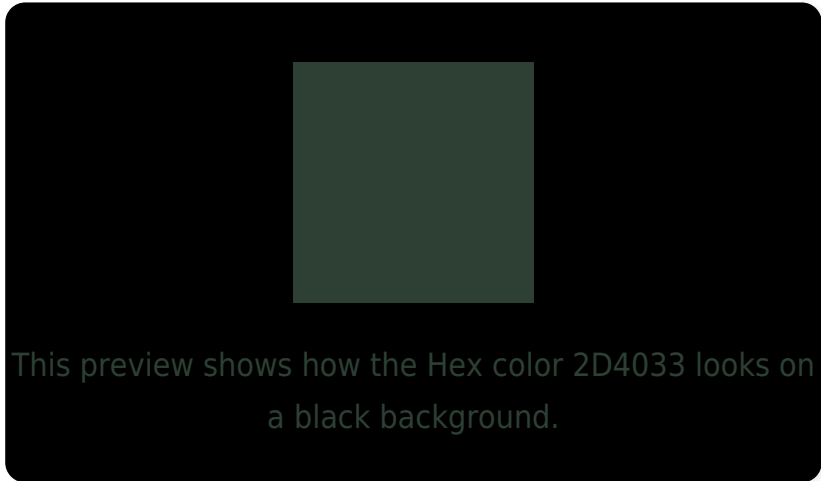
Large Text (above 18pt) WCAG AA ✓ Pass

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

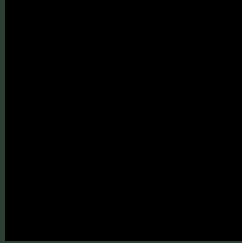
Any Text WCAG AA × Fail

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 2D4033 Background



This preview shows how black text looks on a background with the Hex color 2D4033.

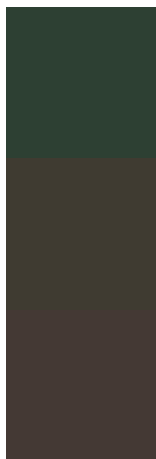


This preview shows how white text looks on a background with the Hex color 2D4033.

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](#).

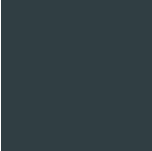
Dichromacy



Original Color
2D4033

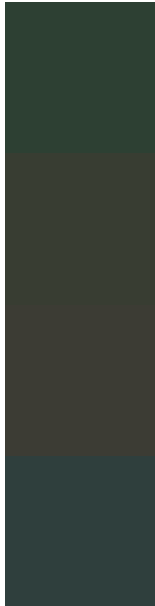
Protanopia
3F3B31

Deuteranopia
443934



Tritanopia
303E43

Trichromacy



Original Color
2D4033

Protanomaly
383D32

Deuteranomaly
3C3C34

Tritanomaly
2F3F3D

Monochromacy



Original Color
2D4033

Achromatopsia
393939

Achromatomaly
353C37

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4033 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 #2D4033 looks like.

```
.text, #text, p{  
    color:#2D4033  
}
```

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 #2D4033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4033
}
```

Border

The CSS property to change the border of an element to Hex 2D4033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

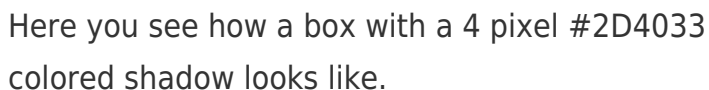
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D4033 }
```

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

```
.border{ border-color:#2D4033 }
```

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



Here you see how a box with a 4 pixel #2D4033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4033; -webkit-box-shadow:4px 4px  
4px 4px #2D4033; box-shadow:4px 4px 4px  
4px #2D4033 }
```

Background

The CSS property to change the background color of an element to Hex 2D4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4033 }
```

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

```
.background{ background-color:#2D4033 }
```

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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