

Converting Colors

Hex(2D4238)

Have a look what the booklet for
Hex(2D4238) contains.

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Color

Hex(2D4238)

Conversions

Conversions Part 1

Format	Color
Hex	2D4238
RGB	45, 66, 56
RGB Percent	18%, 26%, 22%
CMY	0.8235, 0.7412, 0.7804
CMYK	0.32, 0.00, 0.15, 0.74
HSL	151°, 19%, 22%
HSV	151°, 32%, 26%
XYZ	3.7442, 4.7398, 4.4589
YIQ	58.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

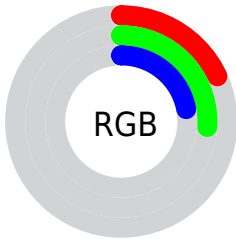
Format	Color
RYB	45, 59, 66
Decimal	2966072
CIELab	25.98, -10.82, 3.44
CIElCh	26, 11.356, 162.351
Yxy	4.7398, 0.2893, 0.3662
Android (android.graphics.Color)	4281156152 (0xFF2D4238)
YUV	58.5810, -1.2724, -11.9105
Hunter-Lab	21.7712, -7.4011, 3.0967

Details

The Hex color **2D4238** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **422D37**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5B7267**, and **00180D** is the 20% darker color. If you saturate the color by 10%, you get **264235**, and if you desaturate by 10%, it is **34423B**.

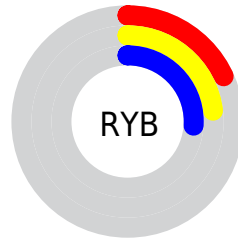
Distribution



Red (18%)

Green (26%)

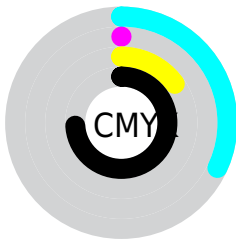
Blue (22%)



Red (18%)

Yellow (23%)

Blue (26%)

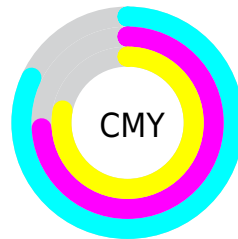


Cyan (32%)

Magenta (0%)

Yellow (15%)

Black (74%)



Cyan (82%)

Magenta (74%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4238 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 2D4238 by changing the saturation by 10% instead.

■ 2D4238

■ 2D4238

FFFFFF

■ 182C23

■ 5B7267

■ 00180D

■ 748C80

■ 000000

■ 8EA69A

■ A8C1B5

■ C4DDD0

■ E0FAEC

■ FCFFFF

■ 2D4238

■ 2D4238

■ 264235

■ 34423B

■ 204232

■ 3A423E

■ 19422F

■ 414241

■ 13422B

■ 474245

■ 0C4228

■ 4E4248

■ 054225

■ 55424B

■ 004223

■ 5B424E

■ 624251

■ 684254

Harmonies

Analogous

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



374031



2D4238



264241

Triad

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



2D4238



383D4E



4E3932

Complementary

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



2D4238



422D37

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.



4F373A



2D4238



433A4A

Square

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



2D4238



2D404E



4C3843



493B2D

Rectangle

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



2D4238



254246



4C3843



4F3835

Sweetspot

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



2D4238



4E5753



37422D



262B29



ABABAB



2B2B2B

Same Dimension

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



2D4238



365747



2D4242



1E2120



006133



00E076

Inverse Universe

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



422D37



573645



422D2D



211E1F



61002E



E0006B

Previews

White Background



This preview shows how the Hex color 2D4238 looks on a white background.

Color Contrast Check

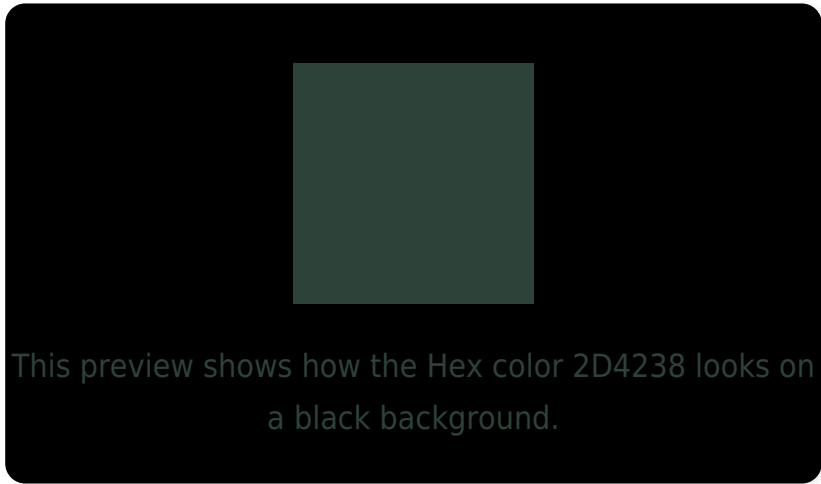
Large Text (above 18pt) WCAG AA ✓ Pass

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

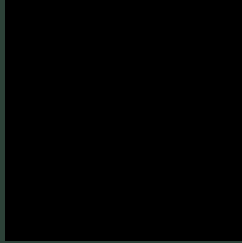
Any Text WCAG AA × Fail

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 2D4238 Background



This preview shows how black text looks on a background with the Hex color 2D4238.



This preview shows how white text looks on a background with the Hex color 2D4238.

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
2D4238

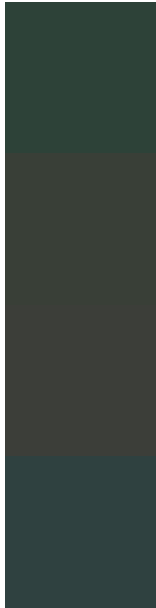
Protanopia
403D36

Deuteranopia
453B39



Tritanopia
304045

Trichromacy



Original Color
2D4238

Protanomaly
393F37

Deuteranomaly
3C3E39

Tritanomaly
2F4140

Monochromacy



Original Color
2D4238

Achromatopsia
3B3B3B

Achromatomaly
363E3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4238 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 #2D4238 looks like.

```
.text, #text, p{  
    color:#2D4238  
}
```

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 #2D4238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4238
}
```

Border

The CSS property to change the border of an element to Hex 2D4238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

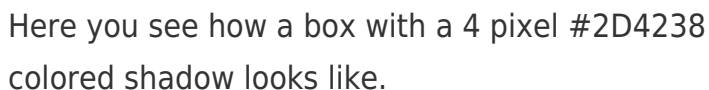
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D4238 }
```

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

```
.border{ border-color:#2D4238 }
```

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



Here you see how a box with a 4 pixel #2D4238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4238; -webkit-box-shadow:4px 4px  
4px 4px #2D4238; box-shadow:4px 4px 4px  
4px #2D4238 }
```

Background

The CSS property to change the background color of an element to Hex 2D4238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4238 }
```

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

```
.background{ background-color:#2D4238 }
```

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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