

Converting Colors

Hex(2D4952)

Have a look what the booklet for
Hex(2D4952) contains.

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Color

Hex(2D4952)

Conversions

Conversions Part 1

Format	Color
Hex	2D4952
RGB	45, 73, 82
RGB Percent	18%, 29%, 32%
CMY	0.8235, 0.7137, 0.6784
CMYK	0.45, 0.11, 0.00, 0.68
HSL	195°, 29%, 25%
HSV	195°, 45%, 32%
XYZ	4.9877, 5.9322, 8.8648
YIQ	65.6540, -19.5770, -3.1370

Conversions

Conversions Part 2

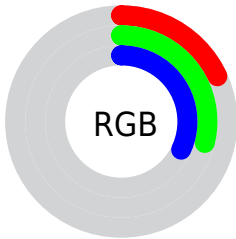
Format	Color
RYB	45, 61, 82
Decimal	2967890
CIELab	29.24, -7.81, -8.68
CIELCh	29, 11.677, 228.028
Yxy	5.9322, 0.2521, 0.2998
Android (android.graphics.Color)	4281157970 (0xFF2D4952)
YUV	65.6540, 8.0586, -18.1136
Hunter-Lab	24.3561, -6.0692, -4.5303

Details

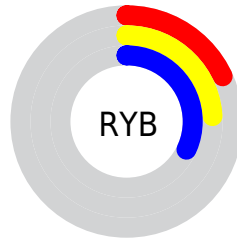
The Hex color **2D4952** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **52362D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5D7A83**, and **001D25** is the 20% darker color. If you saturate the color by 10%, you get **254752**, and if you desaturate by 10%, it is **354B52**.

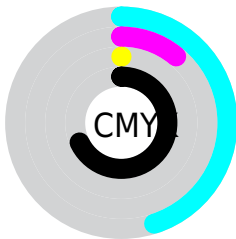
Distribution



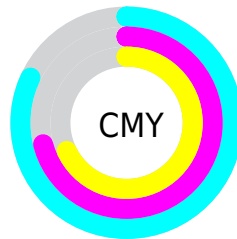
- Red (18%)
- Green (29%)
- Blue (32%)



- Red (18%)
- Yellow (24%)
- Blue (32%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (68%)



- Cyan (82%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4952 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 2D4952 by changing the saturation by 10% instead.

■ 2D4952

■ 2D4952

FFFFFF

■ 16323B

■ 5D7A83

■ 001D25

■ 76939D

■ 000111

■ 90AEB8

■ 000000

■ ABC9D4

■ C7E5F0

■ E3FFFF

■ 2D4952

■ 2D4952

■ 254752

■ 354B52

■ 1D4552

■ 3D4D52

■ 144352

■ 464F52

■ 0C4152

■ 4E5152

■ 043F52

■ 565352

■ 003E52

■ 5E5552

■ 665752

■ 6F5952

■ 775B52

Harmonies

Analogous

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



2C4A4A



2D4952



364756

Triad

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



2D4952



553F49



464634

Complementary

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



2D4952



52362D

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.



4F4333



2D4952



583F40

Square

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



2D4952



4D4151



554038



3C4839

Rectangle

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



2D4952



3D4557



554038



494533

Sweetspot

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



2D4952



5C676B



2D5236



2C3336



B5B5B5



363636

Same Dimension

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



2D4952



315D6B



2D3752



252829



004F69



00B0E8

Inverse Universe

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



522D49



6B315D



52482D



292528



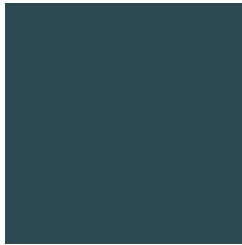
69004F



E800B0

Previews

White Background



This preview shows how the Hex color 2D4952 looks on a white background.

Color Contrast Check

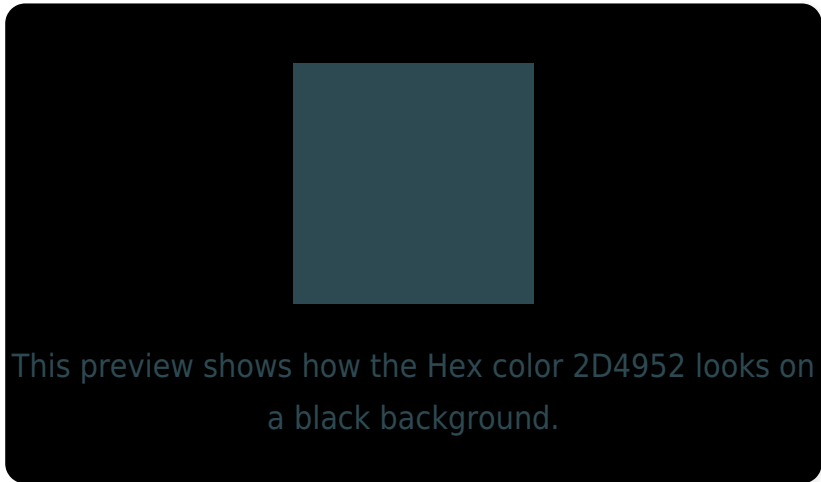
Large Text (above 18pt) WCAG AA ✓ Pass

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

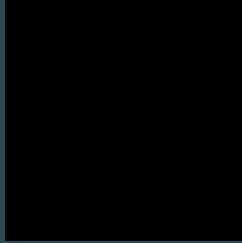
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

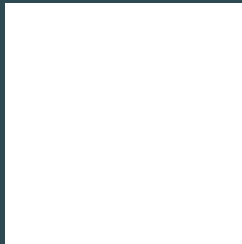
Any Text WCAG AAA × Fail

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

Hex 2D4952 Background



This preview shows how black text looks on a background with the Hex color 2D4952.



This preview shows how white text looks on a background with the Hex color 2D4952.

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](#).

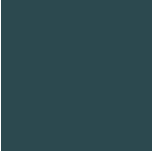
Dichromacy



Original Color
2D4952

Protanopia
43444F

Deuteranopia
444353



Tritanopia
2C494F

Trichromacy



Original Color
2D4952

Protanomaly
3B4650

Deuteranomaly
3C4553

Tritanomaly
2C4950

Monochromacy



Original Color
2D4952

Achromatopsia
424242

Achromatomaly
3A4548

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4952 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 #2D4952 looks like.

```
.text, #text, p{  
    color:#2D4952  
}
```

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 #2D4952 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4952
}
```

Border

The CSS property to change the border of an element to Hex 2D4952 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
#2D4952 }
```

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

```
.border{ border-color:#2D4952 }
```

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

Here you see how a box with a 4 pixel #2D4952 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4952; -webkit-box-shadow:4px 4px  
4px 4px #2D4952; box-shadow:4px 4px 4px  
4px #2D4952 }
```

Background

The CSS property to change the background color of an element to Hex 2D4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4952 }
```

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

```
.background{ background-color:#2D4952 }
```

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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