

Converting Colors

Hex(2D4943)

Have a look what the booklet for
Hex(2D4943) contains.

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Color

Hex(2D4943)

Conversions

Conversions Part 1

Format	Color
Hex	2D4943
RGB	45, 73, 67
RGB Percent	18%, 29%, 26%
CMY	0.8235, 0.7137, 0.7373
CMYK	0.38, 0.00, 0.08, 0.71
HSL	167°, 24%, 23%
HSV	167°, 38%, 29%
XYZ	4.4779, 5.7282, 6.1798
YIQ	63.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

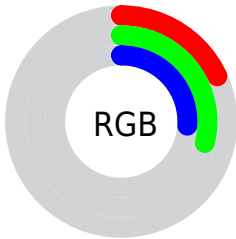
Format	Color
R_{YB}	45, 61, 73
Decimal	2967875
CIE _{Lab}	28.72, -12.16, 0.24
CIE _{LCh}	29, 12.160, 178.886
Yxy	5.7282, 0.2733, 0.3496
Android (android.graphics.Color)	4281157955 (0xFF2D4943)
YUV	63.9440, 1.5066, -16.6139
Hunter-Lab	23.9337, -8.4877, 1.4445

Details

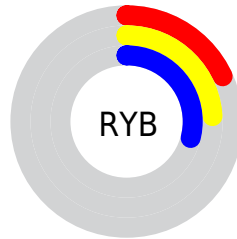
The Hex color **2D4943** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **492D33**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5C7A73**, and **001D18** is the 20% darker color. If you saturate the color by 10%, you get **264941**, and if you desaturate by 10%, it is **344945**.

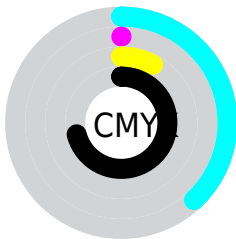
Distribution



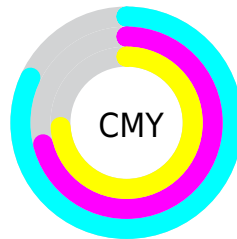
- Red (18%)
- Green (29%)
- Blue (26%)



- Red (18%)
- Yellow (24%)
- Blue (29%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (71%)



- Cyan (82%)
- Magenta (71%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4943 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 2D4943 by changing the saturation by 10% instead.

■ 2D4943

■ 2D4943

FFFFFF

■ 17322D

■ 5C7A73

■ 001D18

■ 75948C

■ 000000

■ 8FAEA7

■ AACAC2

■ C5E6DE

■ E1FFFA

FEFFFF

■ 2D4943

■ 2D4943

■ 264941

■ 344945

■ 1E4940

■ 3C4946

■ 17493E

■ 434948

■ 10493D

■ 4A4949

■ 09493B

■ 52494B

■ 01493A

■ 59494C

■ 004939

■ 60494E

■ 674950

■ 6F4951

Harmonies

Analogous

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



36483A



2D4943



29494C

Triad

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



2D4943



454154



534034

Complementary

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



2D4943



492D33

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.



573E3B



2D4943



503F4E

Square

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



2D4943



384556



563D44



4B4331

Rectangle

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



2D4943



2B4851



563D44



553F36

Sweetspot

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



2D4943



535E5C



33492D



2A302F



B0B0B0



303030

Same Dimension

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



2D4943



335E55



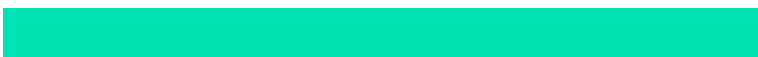
2D4149



202423



00634E



00E3B2

Inverse Universe

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



492D33



5E333C



49352D



242021



630015



E30031

Previews

White Background



This preview shows how the Hex color 2D4943 looks on a white background.

Color Contrast Check

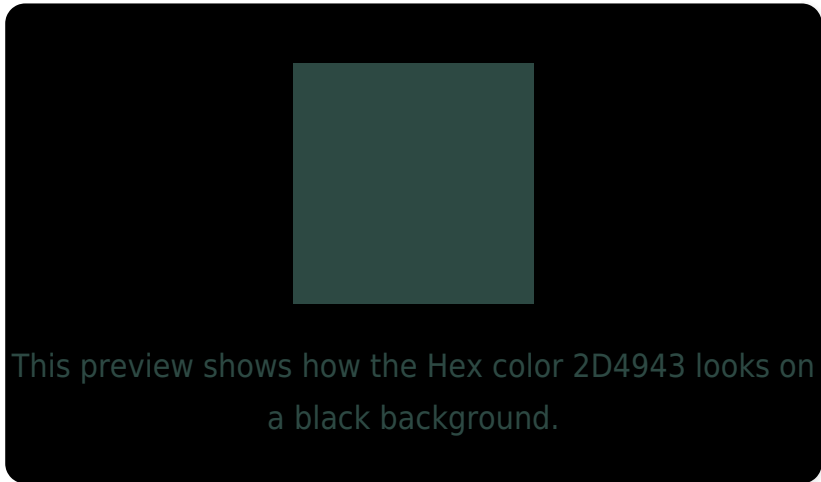
Large Text (above 18pt) WCAG AA ✓ Pass

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

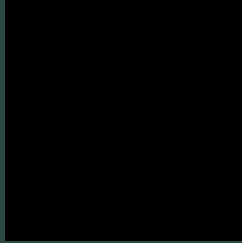
Any Text WCAG AA × Fail

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 2D4943 Background



This preview shows how black text looks on a background with the Hex color 2D4943.



This preview shows how white text looks on a background with the Hex color 2D4943.

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](#).

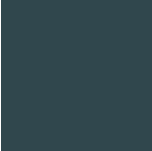
Dichromacy



Original Color
2D4943

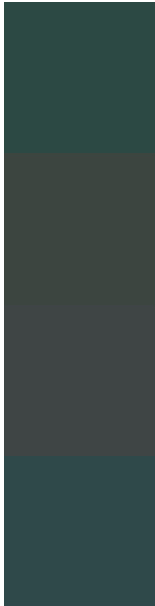
Protanopia
464340

Deuteranopia
494145



Tritanopia
30474D

Trichromacy



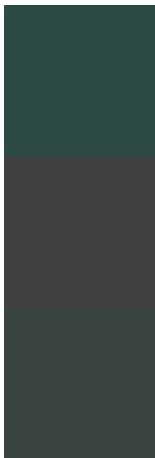
Original Color
2D4943

Protanomaly
3D4541

Deuteranomaly
3F4444

Tritanomaly
2F4849

Monochromacy



Original Color
2D4943

Achromatopsia
404040

Achromatomaly
394341

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4943 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 #2D4943 looks like.

```
.text, #text, p{  
    color:#2D4943  
}
```

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 #2D4943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4943
}
```

Border

The CSS property to change the border of an element to Hex 2D4943 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
#2D4943 }
```

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

```
.border{ border-color:#2D4943 }
```

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

Here you see how a box with a 4 pixel #2D4943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4943; -webkit-box-shadow:4px 4px  
4px 4px #2D4943; box-shadow:4px 4px 4px  
4px #2D4943 }
```

Background

The CSS property to change the background color of an element to Hex 2D4943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4943 }
```

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

```
.background{ background-color:#2D4943 }
```

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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