

Converting Colors

Hex(2D4D45)

Have a look what the booklet for
Hex(2D4D45) contains.

Hex(2D4D45)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D4D45)

Conversions

Conversions Part 1

Format	Color
Hex	2D4D45
RGB	45, 77, 69
RGB Percent	18%, 30%, 27%
CMY	0.8235, 0.6980, 0.7294
CMYK	0.42, 0.00, 0.10, 0.70
HSL	165°, 26%, 24%
HSV	165°, 42%, 30%
XYZ	4.8102, 6.2953, 6.5918
YIQ	66.5200, -16.5040, -9.2720

Conversions

Conversions Part 2

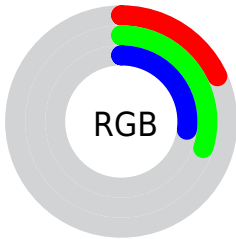
Format	Color
R_{YB}	45, 63, 77
Decimal	2968901
CIE Lab	30.15, -13.96, 1.03
CIE LCh	30, 13.995, 175.780
Yxy	6.2953, 0.2718, 0.3557
Android (android.graphics.Color)	4281158981 (0xFF2D4D45)
YUV	66.5200, 1.2226, -18.8730
Hunter-Lab	25.0905, -9.6870, 1.9865

Details

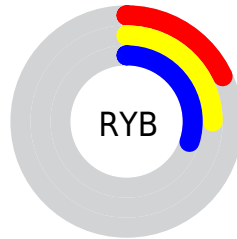
The Hex color **2D4D45** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D2D35**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5D7E75**, and **01211A** is the 20% darker color. If you saturate the color by 10%, you get **254D43**, and if you desaturate by 10%, it is **354D47**.

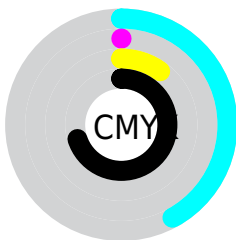
Distribution



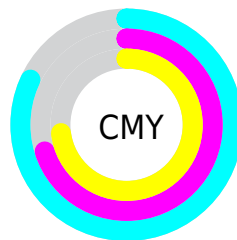
- Red (18%)
- Green (30%)
- Blue (27%)



- Red (18%)
- Yellow (25%)
- Blue (30%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (70%)



- Cyan (82%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4D45 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 2D4D45 by changing the saturation by 10% instead.



2D4D45



2D4D45

FFFFFF



16362F



5D7E75



01211A



76988F



000100



90B3A9



000000



AAEC4



C6EBE0



E2FFFD



2D4D45



2D4D45



254D43



354D47

■ 1E4D41

■ 3C4D49

■ 164D3F

■ 444D4B

■ 0E4D3D

■ 4C4D4D

■ 064D3B

■ 544D4F

■ 004D3A

■ 5B4D51

■ 634D52

■ 6B4D54

■ 724D56

Harmonies

Analogous

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



384C3A



2D4D45



274D50

Triad

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



2D4D45



47455B



594235

Complementary

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



2D4D45



4D2D35

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.



5D403E



2D4D45



544153

Square

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



2D4D45



37485C



5B3F49



504631

Rectangle

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



2D4D45



284C56



5B3F49



5B4138

Sweetspot

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



2D4D45



586360



354D2D



2C3331



B3B3B3



333333

Same Dimension

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



2D4D45



326357



2D454D



222625



00664D



00E6AC

Inverse Universe

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



4D2D35



63323E



4D352D



262223



66001A



E60039

Previews

White Background



This preview shows how the Hex color 2D4D45 looks on a white background.

Color Contrast Check

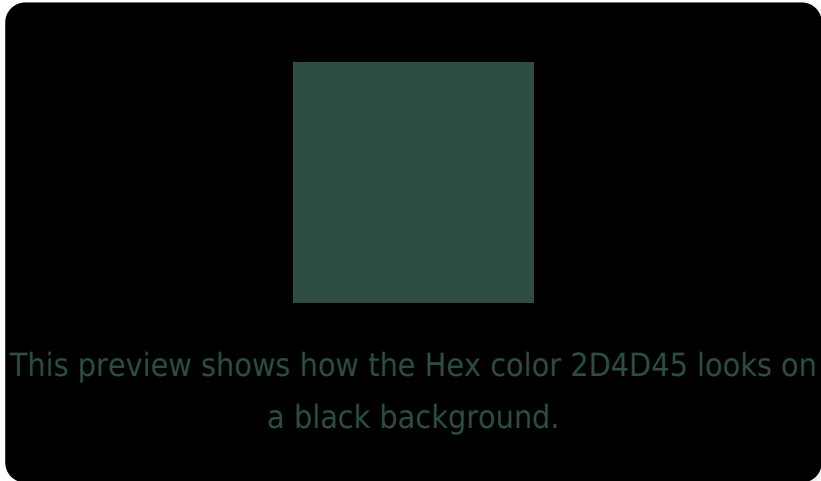
Large Text (above 18pt) WCAG AA ✓ Pass

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

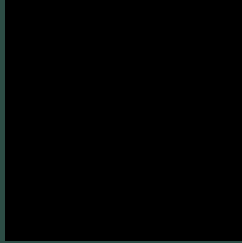
Any Text WCAG AA × Fail

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 2D4D45 Background



This preview shows how black text looks on a background with the Hex color 2D4D45.



This preview shows how white text looks on a background with the Hex color 2D4D45.

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
2D4D45

Protanopia
494641

Deuteranopia
4D4547



Tritanopia
304B51

Trichromacy



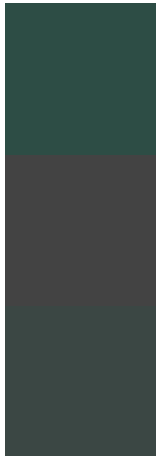
Original Color
2D4D45

Protanomaly
3F4942

Deuteranomaly
414846

Tritanomaly
2F4C4D

Monochromacy



Original Color
2D4D45

Achromatopsia
434343

Achromatomaly
3B4744

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4D45 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 #2D4D45 looks like.

```
.text, #text, p{  
    color:#2D4D45  
}
```

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 #2D4D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4D45
}
```

Border

The CSS property to change the border of an element to Hex 2D4D45 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
#2D4D45 }
```

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

```
.border{ border-color:#2D4D45 }
```

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

Here you see how a box with a 4 pixel #2D4D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4D45; -webkit-box-shadow:4px 4px  
4px 4px #2D4D45; box-shadow:4px 4px 4px  
4px #2D4D45 }
```

Background

The CSS property to change the background color of an element to Hex 2D4D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4D45 }
```

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

```
.background{ background-color:#2D4D45 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor