

Converting Colors

Hex(2D4D4D)

Have a look what the booklet for
Hex(2D4D4D) contains.

Hex(2D4D4D)	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(2D4D4D)

Conversions

Conversions Part 1

Format	Color
Hex	2D4D4D
RGB	45, 77, 77
RGB Percent	18%, 30%, 30%
CMY	0.8235, 0.6980, 0.6980
CMYK	0.42, 0.00, 0.00, 0.70
HSL	180°, 26%, 24%
HSV	180°, 42%, 30%
XYZ	5.0756, 6.4015, 7.9893
YIQ	67.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

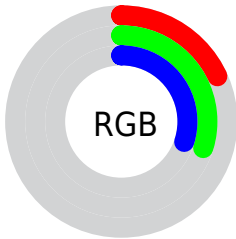
Format	Color
RYB	45, 61, 77
Decimal	2968909
CIELab	30.40, -11.73, -3.72
CIElCh	30, 12.305, 197.614
Yxy	6.4015, 0.2607, 0.3288
Android (android.graphics.Color)	4281158989 (0xFF2D4D4D)
YUV	67.4320, 4.7170, -19.6729
Hunter-Lab	25.3011, -8.4683, -1.0111

Details

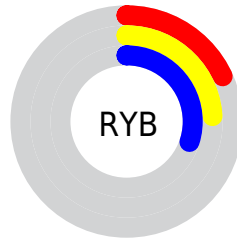
The Hex color **2D4D4D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D2D2D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5D7E7E**, and **002121** is the 20% darker color. If you saturate the color by 10%, you get **254D4D**, and if you desaturate by 10%, it is **354D4D**.

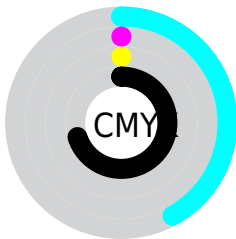
Distribution



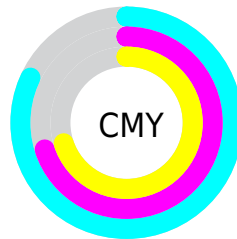
- Red (18%)
- Green (30%)
- Blue (30%)



- Red (18%)
- Yellow (24%)
- Blue (30%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4D4D 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 2D4D4D by changing the saturation by 10% instead.

■ 2D4D4D

■ 2D4D4D

FFFFFF

■ 163636

■ 5D7E7E

■ 002121

■ 769898

■ 00030A

■ 90B3B2

■ 000000

■ ABCECE

■ C7EBEA

■ E3FFFF

■ 2D4D4D

■ 2D4D4D

■ 254D4D

■ 354D4D

■ 1E4D4D

■ 3C4D4D

■ 164D4D

■ 444D4D

■ 0E4D4D

■ 4C4D4D

■ 064D4D

■ 544D4D

■ 004D4D

■ 5B4D4D

■ 634D4D

■ 6B4D4D

■ 724D4D

Harmonies

Analogous

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



344D43



2D4D4D



2E4C55

Triad

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



2D4D4D



504355



524635

Complementary

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



2D4D4D



4D2D2D

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.



59433A



2D4D4D



58414C

Square

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



2D4D4D



44475A



5B4142



494935

Rectangle

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



2D4D4D



334B59



5B4142



554536

Sweetspot

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



2D4D4D



586363



2D4D2D



2C3333



B3B3B3



333333

Same Dimension

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



2D4D4D



326363



2D3D4D



222626



006666



00E6E6

Inverse Universe

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



4D2D4D



633263



4D3D2D



262226



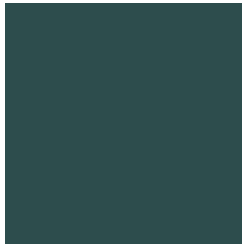
660066



E600E6

Previews

White Background



This preview shows how the Hex color 2D4D4D looks on a white background.

Color Contrast Check

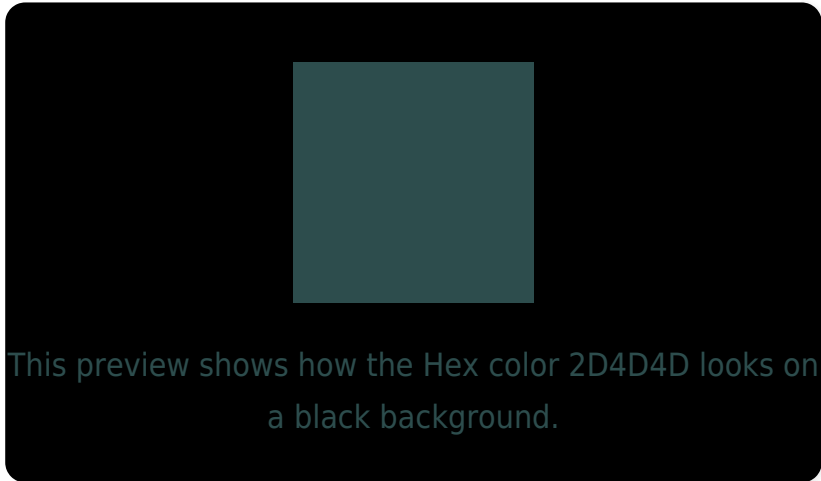
Large Text (above 18pt) WCAG AA ✓ Pass

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

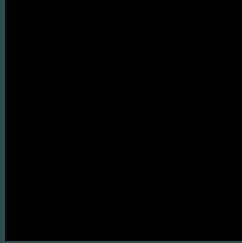
Any Text WCAG AA × Fail

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 2D4D4D Background



This preview shows how black text looks on a background with the Hex color 2D4D4D.



This preview shows how white text looks on a background with the Hex color 2D4D4D.

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
2D4D4D

Protanopia
484749

Deuteranopia
4B454F



Tritanopia
2F4C52

Trichromacy



Original Color
2D4D4D

Protanomaly
3E494A

Deuteranomaly
40484E

Tritanomaly
2E4C50

Monochromacy



Original Color
2D4D4D

Achromatopsia
434343

Achromatomaly
3B4747

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4D4D 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 #2D4D4D looks like.

```
.text, #text, p{  
    color:#2D4D4D  
}
```

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 #2D4D4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4D4D
}
```

Border

The CSS property to change the border of an element to Hex 2D4D4D 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
#2D4D4D }
```

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

```
.border{ border-color:#2D4D4D }
```

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

Here you see how a box with a 4 pixel #2D4D4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4D4D; -webkit-box-shadow:4px 4px  
4px 4px #2D4D4D; box-shadow:4px 4px 4px  
4px #2D4D4D }
```

Background

The CSS property to change the background color of an element to Hex 2D4D4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4D4D }
```

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

```
.background{ background-color:#2D4D4D }
```

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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