

Converting Colors

Hex(2D6C6D)

Have a look what the booklet for
Hex(2D6C6D) contains.

Hex(2D6C6D)	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(2D6C6D)

Conversions

Conversions Part 1

Format	Color
Hex	2D6C6D
RGB	45, 108, 109
RGB Percent	18%, 42%, 43%
CMY	0.8235, 0.5765, 0.5725
CMYK	0.59, 0.01, 0.00, 0.57
HSL	181°, 42%, 30%
HSV	181°, 59%, 43%
XYZ	9.2051, 12.3871, 16.3738
YIQ	89.2770, -37.8690, -13.0450

Conversions

Conversions Part 2

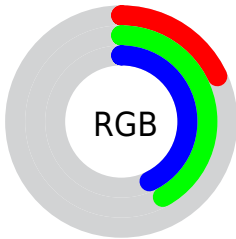
Format	Color
RYB	45, 77, 109
Decimal	2976877
CIELab	41.82, -19.63, -6.66
CIELCh	42, 20.729, 198.733
Yxy	12.3871, 0.2425, 0.3263
Android (android.graphics.Color)	4281166957 (0xFF2D6C6D)
YUV	89.2770, 9.7234, -38.8309
Hunter-Lab	35.1954, -14.9066, -2.9465

Details

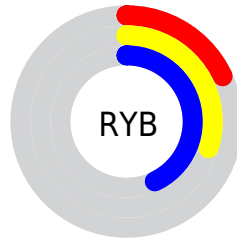
The Hex color **2D6C6D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D2E2D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **62A0A0**, and **003C3E** is the 20% darker color. If you saturate the color by 10%, you get **226C6D**, and if you desaturate by 10%, it is **386C6D**.

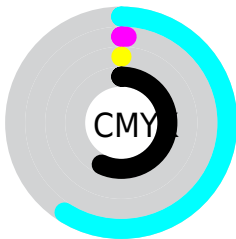
Distribution



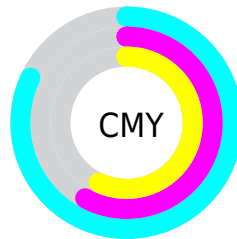
- Red (18%)
- Green (42%)
- Blue (43%)



- Red (18%)
- Yellow (30%)
- Blue (43%)



- Cyan (59%)
- Magenta (1%)
- Yellow (0%)
- Black (57%)



- Cyan (82%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6C6D 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 2D6C6D by changing the saturation by 10% instead.

 2D6C6D

 2D6C6D

FFFFFF

 0D5455

 62A0A0

 003C3E

 7DBBBB

 002628

 98D7D7

 000D14

 B4F3F4

 000000

 D0FFFF

 EDFFFF

 2D6C6D

 2D6C6D

 226C6D

 386C6D

■ 176C6D

■ 436C6D

■ 0C6B6D

■ 4E6D6D

■ 016B6D

■ 596D6D

■ 006B6D

■ 636D6D

■ 6E6D6D

■ 796D6D

■ 846D6D

■ 8F6E6D

Harmonies

Analogous

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



3C6C5B



2D6C6D



2E6A7C

Triad

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



2D6C6D



725B79



745F41

Complementary

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



2D6C6D



6D2E2D

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.



805A4A



2D6C6D



80576A

Square

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



2D6C6D



5C6183



855659



646542

Rectangle

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



2D6C6D



3B6882



855659



795D43

Sweetspot

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



2D6C6D



758E8F



2D6D2D



384747



C7C7C7



474747

Same Dimension

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



2D6C6D



2B8D8F



2D4D6D



303536



007375



00F1F5

Inverse Universe

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



6D2D6C



8F2B8D



6D4D2D



363035



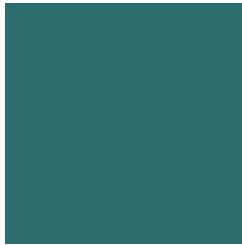
750073



F500F1

Previews

White Background



This preview shows how the Hex color 2D6C6D looks on a white background.

Color Contrast Check

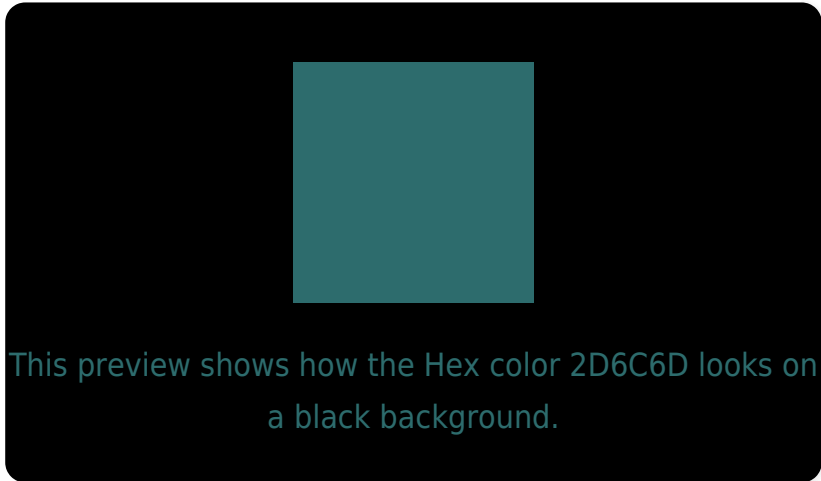
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

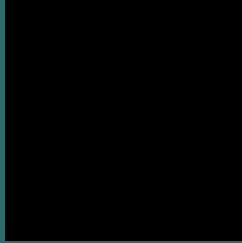
Any Text WCAG AA × Fail

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 2D6C6D Background



This preview shows how black text looks on a background with the Hex color 2D6C6D.



This preview shows how white text looks on a background with the Hex color 2D6C6D.

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
2D6C6D

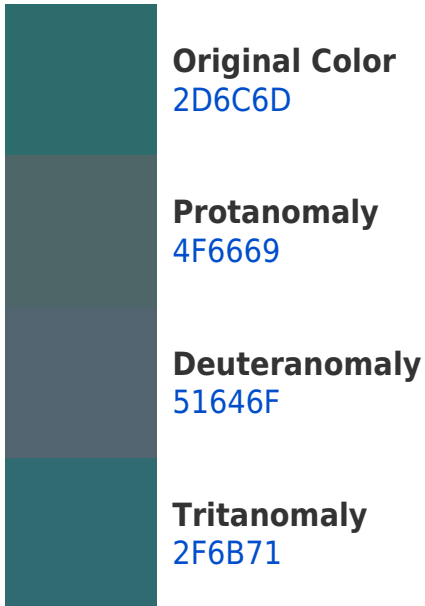
Protanopia
636267

Deuteranopia
656070

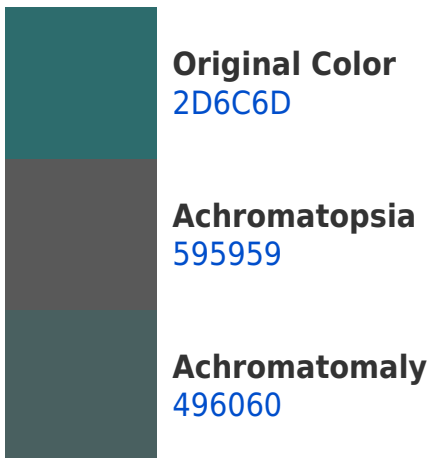


Tritanopia
306B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6C6D 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 #2D6C6D looks like.

```
.text, #text, p{  
    color:#2D6C6D  
}
```

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 #2D6C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6C6D
}
```

Border

The CSS property to change the border of an element to Hex 2D6C6D 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
#2D6C6D }
```

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

```
.border{ border-color:#2D6C6D }
```

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

Here you see how a box with a 4 pixel #2D6C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6C6D; -webkit-box-shadow:4px 4px  
4px 4px #2D6C6D; box-shadow:4px 4px 4px  
4px #2D6C6D }
```

Background

The CSS property to change the background color of an element to Hex 2D6C6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6C6D }
```

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

```
.background{ background-color:#2D6C6D }
```

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