

Converting Colors

Hex(2D6B6A)

Have a look what the booklet for
Hex(2D6B6A) contains.

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Color

Hex(2D6B6A)

Conversions

Conversions Part 1

Format	Color
Hex	2D6B6A
RGB	45, 107, 106
RGB Percent	18%, 42%, 42%
CMY	0.8235, 0.5804, 0.5843
CMYK	0.58, 0.00, 0.01, 0.58
HSL	179°, 41%, 30%
HSV	179°, 58%, 42%
XYZ	8.9414, 12.1139, 15.5026
YIQ	88.3480, -36.6310, -13.4550

Conversions

Conversions Part 2

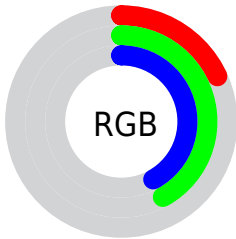
Format	Color
RYB	45, 76, 107
Decimal	2976618
CIELab	41.40, -20.00, -5.48
CIElCh	41, 20.734, 195.312
Yxy	12.1139, 0.2446, 0.3314
Android (android.graphics.Color)	4281166698 (0xFF2D6B6A)
YUV	88.3480, 8.7024, -38.0162
Hunter-Lab	34.8050, -15.0521, -2.0451

Details

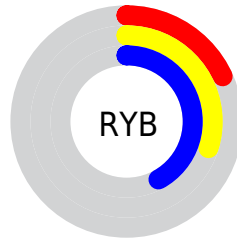
The Hex color **2D6B6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B2D2E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **629F9D**, and **003B3B** is the 20% darker color. If you saturate the color by 10%, you get **226B6A**, and if you desaturate by 10%, it is **386B6A**.

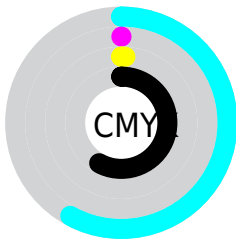
Distribution



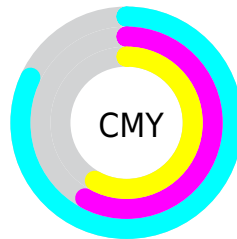
- Red (18%)
- Green (42%)
- Blue (42%)



- Red (18%)
- Yellow (30%)
- Blue (42%)



- Cyan (58%)
- Magenta (0%)
- Yellow (1%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6B6A 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 2D6B6A by changing the saturation by 10% instead.

 2D6B6A

 2D6B6A

FFFFFF

 0E5352

 629F9D

 003B3B

 7CBAB8

 002525

 97D5D4

 000A11

 B3F2F0

 000000

 CFFFFFF

 EFFFFFF

 2D6B6A

 2D6B6A

 226B6A

 386B6A

■ 186B6A

■ 426B6A

■ 0D6B69

■ 4D6B6B

■ 026B69

■ 586B6B

■ 006B69

■ 636B6B

■ 6D6B6B

■ 786B6B

■ 836B6B

■ 8D6B6C

Harmonies

Analogous

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



3E6A58



2D6B6A



2C6979

Triad

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



2D6B6A



6F5A7A



755E41

Complementary

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



2D6B6A



6B2D2E

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.



80584A



2D6B6A



7E566B

Square

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



2D6B6A



586082



845559



656341

Rectangle

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



2D6B6A



376780



845559



795C43

Sweetspot

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



2D6B6A



748C8C



2E6B2D



394747



C7C7C7



474747

Same Dimension

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



2D6B6A



2A8C8B



2D4D6B



303635



007573



00F5F1

Inverse Universe

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



6B2D2E



8C2A2C



6B4B2D



363030



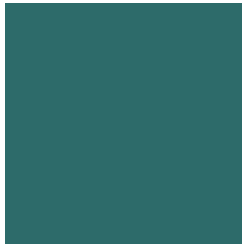
750002



F50004

Previews

White Background



This preview shows how the Hex color 2D6B6A looks on a white background.

Color Contrast Check

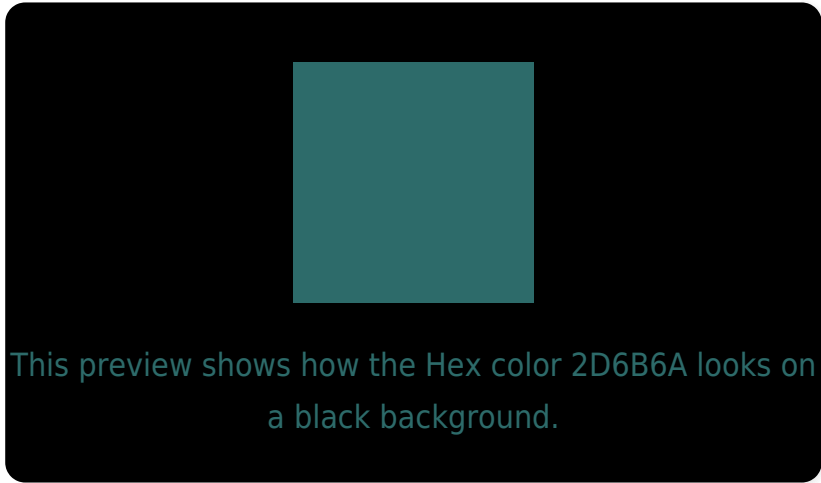
Large Text (above 18pt) WCAG AA ✓ Pass

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

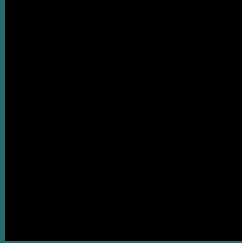
Any Text WCAG AA × Fail

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 2D6B6A Background



This preview shows how black text looks on a background with the Hex color 2D6B6A.

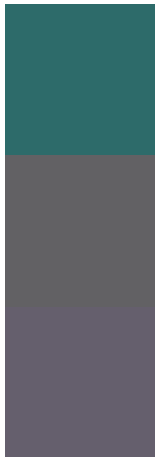


This preview shows how white text looks on a background with the Hex color 2D6B6A.

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
2D6B6A

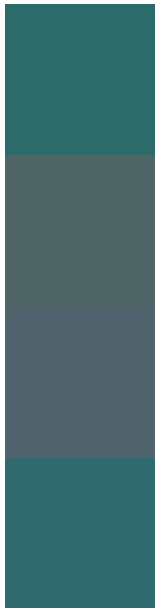
Protanopia
626164

Deuteranopia
655F6D



Tritanopia
306A72

Trichromacy



Original Color
2D6B6A

Protanomaly
4F6566

Deuteranomaly
51636C

Tritanomaly
2F6A6F

Monochromacy



Original Color
2D6B6A

Achromatopsia
585858

Achromatomaly
485F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6B6A 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 #2D6B6A looks like.

```
.text, #text, p{  
    color:#2D6B6A  
}
```

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 #2D6B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6B6A
}
```

Border

The CSS property to change the border of an element to Hex 2D6B6A 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
#2D6B6A }
```

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

```
.border{ border-color:#2D6B6A }
```

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

Here you see how a box with a 4 pixel #2D6B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6B6A; -webkit-box-shadow:4px 4px  
4px 4px #2D6B6A; box-shadow:4px 4px 4px  
4px #2D6B6A }
```

Background

The CSS property to change the background color of an element to Hex 2D6B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6B6A }
```

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

```
.background{ background-color:#2D6B6A }
```

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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