

Converting Colors

Hex(2D6A6E)

Have a look what the booklet for
Hex(2D6A6E) contains.

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Color

Hex(2D6A6E)

Conversions

Conversions Part 1

Format	Color
Hex	2D6A6E
RGB	45, 106, 110
RGB Percent	18%, 42%, 43%
CMY	0.8235, 0.5843, 0.5686
CMYK	0.59, 0.04, 0.00, 0.57
HSL	184°, 42%, 30%
HSV	184°, 59%, 43%
XYZ	9.0507, 11.9917, 16.5895
YIQ	88.2170, -37.6400, -11.6880

Conversions

Conversions Part 2

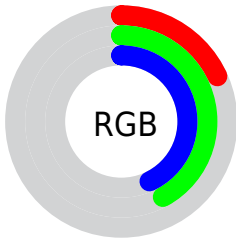
Format	Color
RYB	45, 76, 110
Decimal	2976366
CIELab	41.20, -18.24, -8.19
CIELCh	41, 19.997, 204.192
Yxy	11.9917, 0.2405, 0.3187
Android (android.graphics.Color)	4281166446 (0xFF2D6A6E)
YUV	88.2170, 10.7390, -37.9013
Hunter-Lab	34.6291, -13.9480, -4.1632

Details

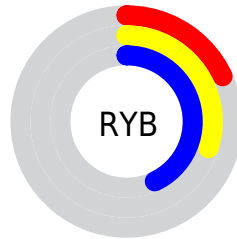
The Hex color **2D6A6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E312D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **629EA2**, and **003A3F** is the 20% darker color. If you saturate the color by 10%, you get **22696E**, and if you desaturate by 10%, it is **386B6E**.

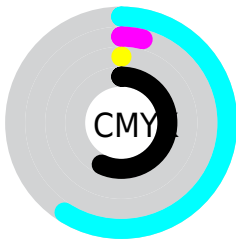
Distribution



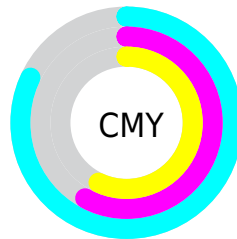
- Red (18%)
- Green (42%)
- Blue (43%)



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



- Cyan (59%)
- Magenta (4%)
- Yellow (0%)
- Black (57%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6A6E 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 2D6A6E by changing the saturation by 10% instead.

 2D6A6E

 2D6A6E

FFFFFF

 0E5256

 629EA2

 003A3F

 7DB9BD

 002429

 98D4D8

 000915

 B3F1F5

 000000

 D0FFFF

 EDFFFF

 2D6A6E

 2D6A6E

 22696E

 386B6E

17696E

436B6E

0C686E

4E6C6E

01676E

596D6E

00676E

646D6E

6F6E6E

7A6F6E

856F6E

90706E

Harmonies

Analogous

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



396A5D



2D6A6E



32687B

Triad

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



2D6A6E



735975



705F41

Complementary

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



2D6A6E



6E312D

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.



7C5A47



2D6A6E



7F5565

Square

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



2D6A6E



5F5E7F



825655



5F6443

Rectangle

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



2D6A6E



3F6580



825655



745D42

Sweetspot

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



2D6A6E



758D8F



2D6E30



384647



C7C7C7



474747

Same Dimension

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



2D6A6E



29898F



2D4A6E



323838



007078



00E8F7

Inverse Universe

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



6E2D6A



8F2989



6E512D



383238



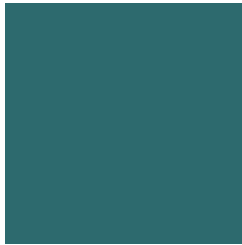
780070



F700E8

Previews

White Background



This preview shows how the Hex color 2D6A6E looks on a white background.

Color Contrast Check

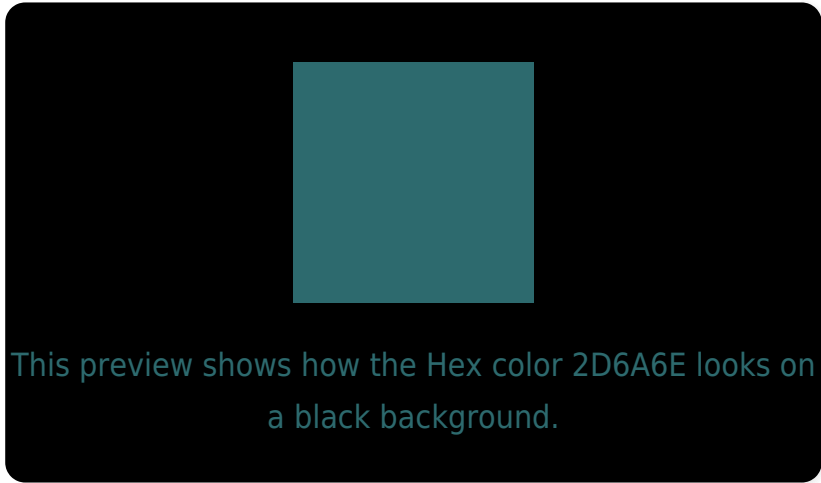
Large Text (above 18pt) WCAG AA ✓ Pass

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

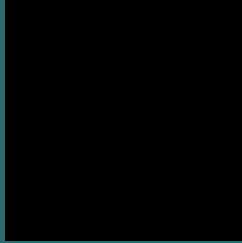
Any Text WCAG AA × Fail

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 2D6A6E Background



This preview shows how black text looks on a background with the Hex color 2D6A6E.

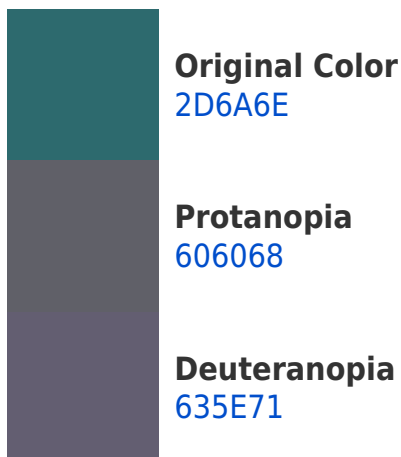



This preview shows how white text looks on a background with the Hex color 2D6A6E.

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](#).

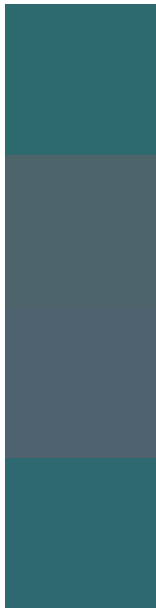
Dichromacy





Tritanopia
2F6972

Trichromacy



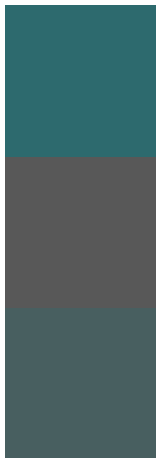
Original Color
2D6A6E

Protanomaly
4D646A

Deuteranomaly
4F6270

Tritanomaly
2E6971

Monochromacy



Original Color
2D6A6E

Achromatopsia
585858

Achromatomaly
485F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6A6E 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 #2D6A6E looks like.

```
.text, #text, p{  
  color:#2D6A6E  
}
```

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 #2D6A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6A6E
}
```

Border

The CSS property to change the border of an element to Hex 2D6A6E 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
#2D6A6E }
```

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

```
.border{ border-color:#2D6A6E }
```

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

Here you see how a box with a 4 pixel #2D6A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6A6E; -webkit-box-shadow:4px 4px  
4px 4px #2D6A6E; box-shadow:4px 4px 4px  
4px #2D6A6E }
```

Background

The CSS property to change the background color of an element to Hex 2D6A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6A6E }
```

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

```
.background{ background-color:#2D6A6E }
```

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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