

Converting Colors

Hex(2D5D6A)

Have a look what the booklet for
Hex(2D5D6A) contains.

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Color

Hex(2D5D6A)

Conversions

Conversions Part 1

Format	Color
Hex	2D5D6A
RGB	45, 93, 106
RGB Percent	18%, 36%, 42%
CMY	0.8235, 0.6353, 0.5843
CMYK	0.58, 0.12, 0.00, 0.58
HSL	193°, 40%, 30%
HSV	193°, 58%, 42%
XYZ	7.5981, 9.4272, 15.0548
YIQ	80.1300, -32.7810, -6.1330

Conversions

Conversions Part 2

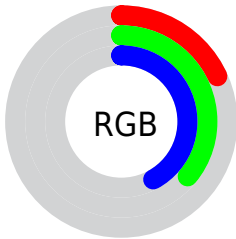
Format	Color
RYB	45, 72, 106
Decimal	2973034
CIELab	36.79, -12.17, -12.40
CIElCh	37, 17.372, 225.522
Yxy	9.4272, 0.2368, 0.2939
Android (android.graphics.Color)	4281163114 (0xFF2D5D6A)
YUV	80.1300, 12.7539, -30.8090
Hunter-Lab	30.7037, -9.5593, -7.5788

Details

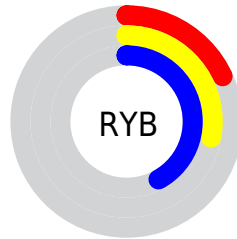
The Hex color **2D5D6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A3A2D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **608F9D**, and **002F3B** is the 20% darker color. If you saturate the color by 10%, you get **225B6A**, and if you desaturate by 10%, it is **385F6A**.

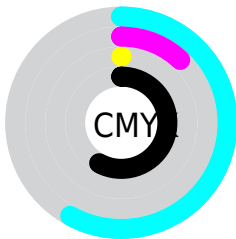
Distribution



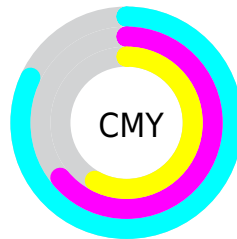
- Red (18%)
- Green (36%)
- Blue (42%)



- Red (18%)
- Yellow (28%)
- Blue (42%)



- Cyan (58%)
- Magenta (12%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2D5D6A 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 2D5D6A by changing the saturation by 10% instead.

 2D5D6A

 2D5D6A

FFFFFF

 114552

 608F9D

 002F3B

 7BAAB8

 001B25

 95C5D4

 000110

 B1E1F0

 000000

 CDFFFF

 EAFFFF

 2D5D6A

 2D5D6A

 225B6A

 385F6A

■ 18586A

■ 42626A

■ 0D566A

■ 4D646A

■ 03546A

■ 57666A

■ 00536A

■ 62686A

■ 6D6B6A

■ 776D6A

■ 826F6A

■ 8C716A

Harmonies

Analogous

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



2D5E5E



2D5D6A



3B5A71

Triad

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



2D5D6A



6E4D5E



59583B

Complementary

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



2D5D6A



6A3A2D

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.



67533C



2D5D6A



734C50

Square

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



2D5D6A



62516A



704F43



495C43

Rectangle

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



2D5D6A



485772



704F43



5E573B

Sweetspot

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



2D5D6A



72858A



2D6A39



374245



C4C4C4



454545

Same Dimension

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



2D5D6A



2B758A



2D3F6A



303436



005C75



00C1F5

Inverse Universe

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



6A2D5D



8A2B75



6A582D



363034



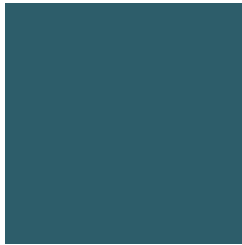
75005C



F500C1

Previews

White Background



This preview shows how the Hex color 2D5D6A looks on a white background.

Color Contrast Check

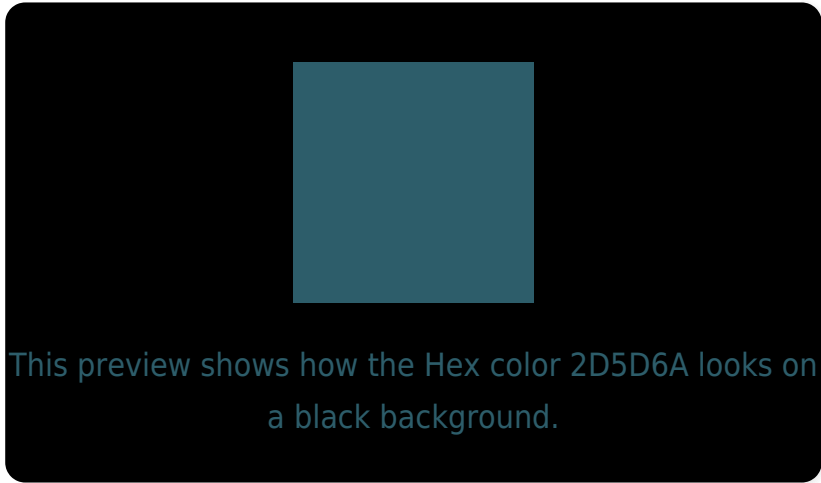
Large Text (above 18pt) WCAG AA ✓ Pass

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

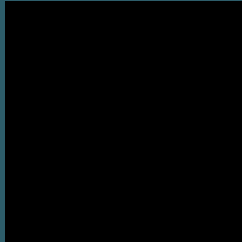
Any Text WCAG AA × Fail

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 2D5D6A Background



This preview shows how black text looks on a background with the Hex color 2D5D6A.



This preview shows how white text looks on a background with the Hex color 2D5D6A.

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
2D5D6A

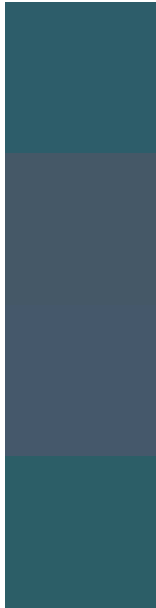
Protanopia
535565

Deuteranopia
53556C



Tritanopia
2B5E65

Trichromacy



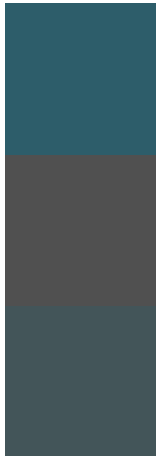
Original Color
2D5D6A

Protanomaly
455867

Deuteranomaly
45586B

Tritanomaly
2C5E67

Monochromacy



Original Color
2D5D6A

Achromatopsia
505050

Achromatomaly
435559

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5D6A 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 #2D5D6A looks like.

```
.text, #text, p{  
    color:#2D5D6A  
}
```

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 #2D5D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5D6A
}
```

Border

The CSS property to change the border of an element to Hex 2D5D6A 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
#2D5D6A }
```

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

```
.border{ border-color:#2D5D6A }
```

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

Here you see how a box with a 4 pixel #2D5D6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5D6A; -webkit-box-shadow:4px 4px  
4px 4px #2D5D6A; box-shadow:4px 4px 4px  
4px #2D5D6A }
```

Background

The CSS property to change the background color of an element to Hex 2D5D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5D6A }
```

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

```
.background{ background-color:#2D5D6A }
```

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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