

Converting Colors

Hex(2D5C6C)

Have a look what the booklet for
Hex(2D5C6C) contains.

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Color

Hex(2D5C6C)

Conversions

Conversions Part 1	
Format	Color
Hex	2D5C6C
RGB	45, 92, 108
RGB Percent	18%, 36%, 42%
CMY	0.8235, 0.6392, 0.5765
CMYK	0.58, 0.15, 0.00, 0.58
HSL	195°, 41%, 30%
HSV	195°, 58%, 42%
XYZ	7.6161, 9.2949, 15.5800
YIQ	79.7710, -33.1480, -4.9880

Conversions

Conversions Part 2

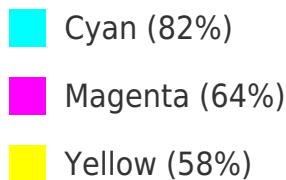
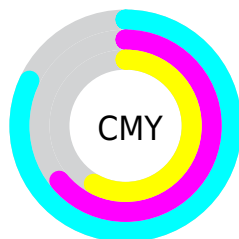
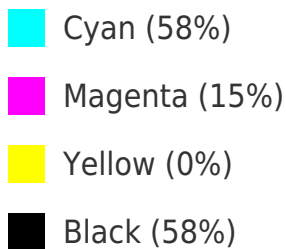
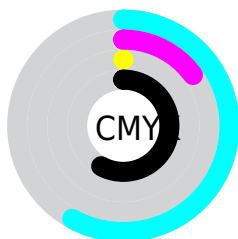
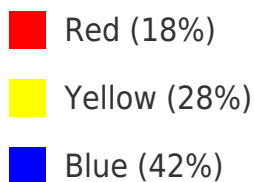
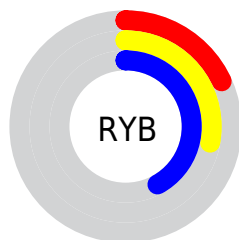
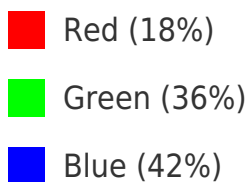
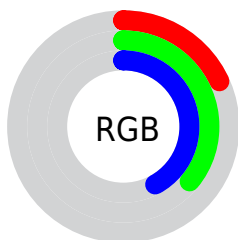
Format	Color
RYB	45, 72, 108
Decimal	2972780
CIELab	36.55, -10.93, -14.01
CIELCh	37, 17.771, 232.041
Yxy	9.2949, 0.2344, 0.2861
Android (android.graphics.Color)	4281162860 (0xFF2D5C6C)
YUV	79.7710, 13.9169, -30.4942
Hunter-Lab	30.4875, -8.7620, -8.9577

Details

The Hex color **2D5C6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C3D2D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **618E9F**, and **002E3D** is the 20% darker color. If you saturate the color by 10%, you get **22596C**, and if you desaturate by 10%, it is **385F6C**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 2D5C6C 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 2D5C6C by changing the saturation by 10% instead.

 2D5C6C

 2D5C6C

FFFFFF

 104454

 618E9F

 002E3D

 7BA9BA

 001A27

 96C4D6

 000112

 B1E0F3

 000000

 CDFDFF

 EAffff

 2D5C6C

 2D5C6C

 22596C

 385F6C

 17576C

 43616C

 0D546C

 4D646C

 02516C

 58676C

 00516C

 636A6C

 6E6C6C

 796F6C

 83726C

 8E756C

Harmonies

Analogous

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



2A5E60



2D5C6C



3E5872

Triad

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



2D5C6C



704C5A



55583B

Complementary

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



2D5C6C



6C3D2D

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.



64543A



2D5C6C



734C4C

Square

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



2D5C6C



654F68



6E4F40



455C44

Rectangle

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



2D5C6C



4C5572



6E4F40



5A573A

Sweetspot

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



2D5C6C



73868C



2D6C3D



384347



C7C7C7



474747

Same Dimension

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



2D5C6C



2A738C



2D3D6C



303436



005875



00B7F5

Inverse Universe

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



6C2D5C



8C2A73



6C5C2D



363034



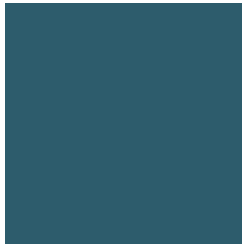
750058



F500B7

Previews

White Background



This preview shows how the Hex color 2D5C6C 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



This preview shows how the Hex color 2D5C6C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

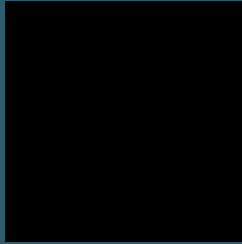
Any Text WCAG AA × Fail

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 2D5C6C Background



This preview shows how black text looks on a background with the Hex color 2D5C6C.

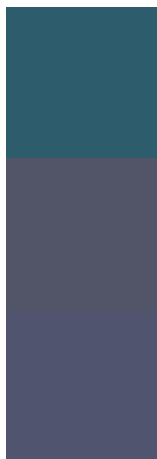


This preview shows how white text looks on a background with the Hex color 2D5C6C.

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
2D5C6C

Protanopia
525567

Deuteranopia
51546E



Tritanopia
2A5D65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5C6C 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 #2D5C6C looks like.

```
.text, #text, p{  
    color:#2D5C6C  
}
```

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 #2D5C6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5C6C
}
```

Border

The CSS property to change the border of an element to Hex 2D5C6C 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
#2D5C6C }
```

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

```
.border{ border-color:#2D5C6C }
```

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

Here you see how a box with a 4 pixel #2D5C6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5C6C; -webkit-box-shadow:4px 4px  
4px 4px #2D5C6C; box-shadow:4px 4px 4px  
4px #2D5C6C }
```

Background

The CSS property to change the background color of an element to Hex 2D5C6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5C6C }
```

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

```
.background{ background-color:#2D5C6C }
```

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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