

Converting Colors

Hex(2D657C)

Have a look what the booklet for
Hex(2D657C) contains.

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Color

Hex(2D657C)

Conversions

Conversions Part 1

Format	Color
Hex	2D657C
RGB	45, 101, 124
RGB Percent	18%, 40%, 49%
CMY	0.8235, 0.6039, 0.5137
CMYK	0.64, 0.19, 0.00, 0.51
HSL	197°, 47%, 33%
HSV	197°, 64%, 49%
XYZ	9.3740, 11.3205, 20.7598
YIQ	86.8780, -40.7590, -4.7190

Conversions

Conversions Part 2

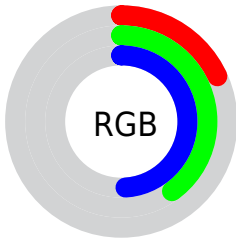
Format	Color
RYB	45, 78, 124
Decimal	2975100
CIELab	40.12, -10.86, -18.36
CIELCh	40, 21.335, 239.385
Yxy	11.3205, 0.2261, 0.2731
Android (android.graphics.Color)	4281165180 (0xFF2D657C)
YUV	86.8780, 18.3011, -36.7270
Hunter-Lab	33.6459, -9.1492, -13.0302




Details

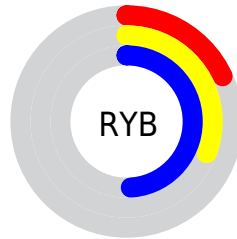
The Hex color **2D657C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C442D**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **6398B1**, and **00364B** is the 20% darker color. If you saturate the color by 10%, you get **21617C**, and if you desaturate by 10%, it is **39697C**.

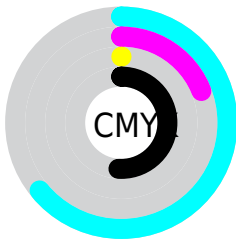
Distribution







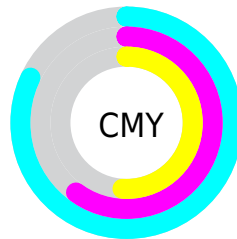
-  Red (18%)
-  Green (40%)
-  Blue (49%)






-  Red (18%)
-  Yellow (31%)
-  Blue (49%)



-  Cyan (64%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (82%)
-  Magenta (60%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D657C 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 2D657C by changing the saturation by 10% instead.

■ 2D657C

■ 2D657C

FFFFFF

■ 0B4D63

■ 6398B1

■ 00364B

■ 7EB3CC

■ 002134

■ 99CEE8

■ 000320

■ B5EAFB

■ 000003

■ D2FFFF

■ 000000

■ EFFFFFF

■ 2D657C

■ 2D657C

■ 21617C

■ 39697C

■ 145E7C

■ 466C7C

■ 085A7C

■ 52707C

■ 00587C

■ 5F737C

■ 6B777C

■ 777B7C

■ 847E7C

■ 90827C

■ 9D857C

Harmonies

Analogous

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



23686F



2D657C



466081

Triad

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



2D657C



7F5160



596340

Complementary

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



2D657C



7C442D

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.



6B5D3C



2D657C



81534E

Square

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



2D657C



745471



795741



44664C

Rectangle

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



2D657C



585C7F



795741



5F613D

Sweetspot

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



2D657C



8298A1



2D7C43



3F4C52



D1D1D1



525252

Same Dimension

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



2D657C



277DA1



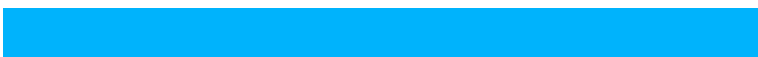
2D3E7C



373B3D



00597D



00B3FC

Inverse Universe

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



7C2D65



A1277D



7C6B2D



3D373B



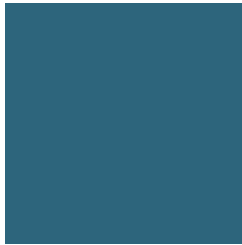
7D0059



FC00B3

Previews

White Background



This preview shows how the Hex color 2D657C looks on a white background.

Color Contrast Check

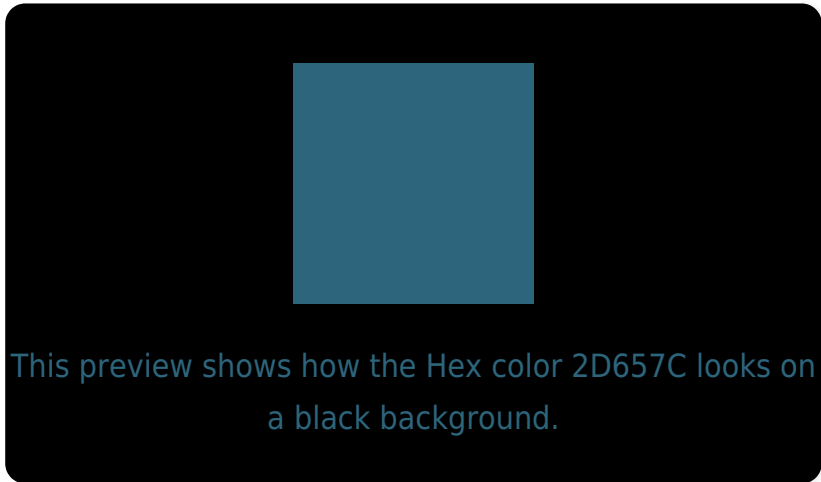
Large Text (above 18pt) WCAG AA ✓ Pass

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

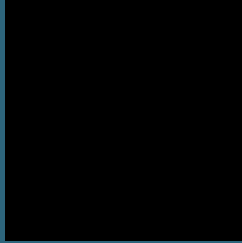
Any Text WCAG AA × Fail

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 2D657C Background



This preview shows how black text looks on a background with the Hex color 2D657C.



This preview shows how white text looks on a background with the Hex color 2D657C.

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

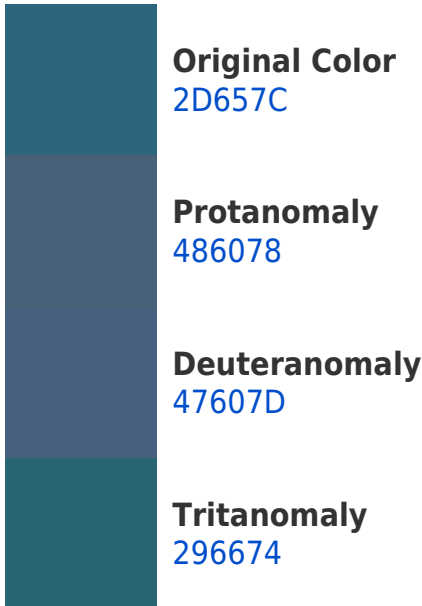


Original Color
2D657C

Protanopia
585D76

Deuteranopia
565D7E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D657C 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 #2D657C looks like.

```
.text, #text, p{  
    color:#2D657C  
}
```

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 #2D657C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D657C
}
```

Border

The CSS property to change the border of an element to Hex 2D657C is called "border". The border property can be set on classes, ids or directly on the HTML element.

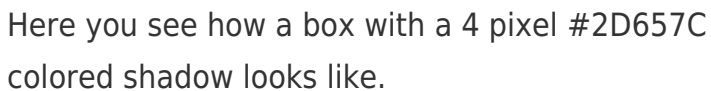
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D657C }
```

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

```
.border{ border-color:#2D657C }
```

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



Here you see how a box with a 4 pixel #2D657C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D657C; -webkit-box-shadow:4px 4px  
4px 4px #2D657C; box-shadow:4px 4px 4px  
4px #2D657C }
```

Background

The CSS property to change the background color of an element to Hex 2D657C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D657C }
```

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

```
.background{ background-color:#2D657C }
```

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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