

Converting Colors

Hex(2D5F83)

Have a look what the booklet for
Hex(2D5F83) contains.

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Color

Hex(2D5F83)

Conversions

Conversions Part 1

Format	Color
Hex	2D5F83
RGB	45, 95, 131
RGB Percent	18%, 37%, 51%
CMY	0.8235, 0.6275, 0.4863
CMYK	0.66, 0.27, 0.00, 0.49
HSL	205°, 49%, 35%
HSV	205°, 66%, 51%
XYZ	9.2711, 10.3810, 22.9878
YIQ	84.1540, -41.3560, 0.5960

Conversions

Conversions Part 2

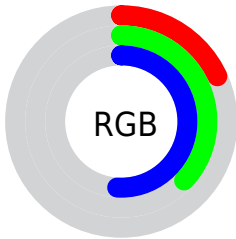
Format	Color
RYB	45, 77, 131
Decimal	2973571
CIELab	38.52, -4.83, -25.09
CIElCh	39, 25.554, 259.111
Yxy	10.3810, 0.2174, 0.2435
Android (android.graphics.Color)	4281163651 (0xFF2D5F83)
YUV	84.1540, 23.0951, -34.3381
Hunter-Lab	32.2196, -5.0211, -19.7482

Details

The Hex color **2D5F83** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **83512D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6491B8**, and **003151** is the 20% darker color. If you saturate the color by 10%, you get **205A83**, and if you desaturate by 10%, it is **3A6483**.

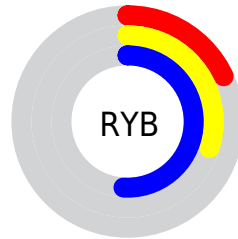
Distribution



Red (18%)

Green (37%)

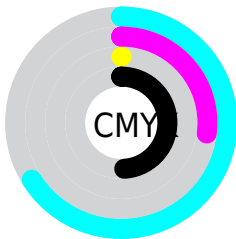
Blue (51%)



Red (18%)

Yellow (30%)

Blue (51%)

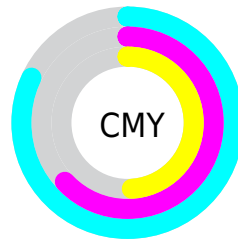


Cyan (66%)

Magenta (27%)

Yellow (0%)

Black (49%)



Cyan (82%)

Magenta (63%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5F83 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 2D5F83 by changing the saturation by 10% instead.

■ 2D5F83

■ 2D5F83

FFFFFF

■ 09476A

■ 6491B8

■ 003151

■ 7FACD4

■ 001C3A

■ 9AC7F0

■ 000225

■ B6E3FF

■ 00010D

■ D3FFFF

■ 000000

■ F0FFFF

■ 2D5F83

■ 2D5F83

■ 205A83

■ 3A6483

■ 135483

■ 476A83

■ 064F83

■ 546F83

■ 004C83

■ 617583

■ 6F7A83

■ 7C8083

■ 898583

■ 968B83

■ A39083

Harmonies

Analogous

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



006479



2D5F83



525882

Triad

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



2D5F83



834B4E



43623F

Complementary

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



2D5F83



83512D

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.



5B5E33



2D5F83



7D503C

Square

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



2D5F83



7E4B63



6F5732



276552

Rectangle

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



2D5F83



65537B



6F5732



4B613A

Sweetspot

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



2D5F83



899DAB



2D8351



424E57



D6D6D6



575757

Same Dimension

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



2D5F83



2472AB



2D3483



3C4042



004C82



000103

Inverse Universe

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



832D5F



AB2472



837C2D



423C40



82004C



030001

Previews

White Background



This preview shows how the Hex color 2D5F83 looks on a white background.

Color Contrast Check

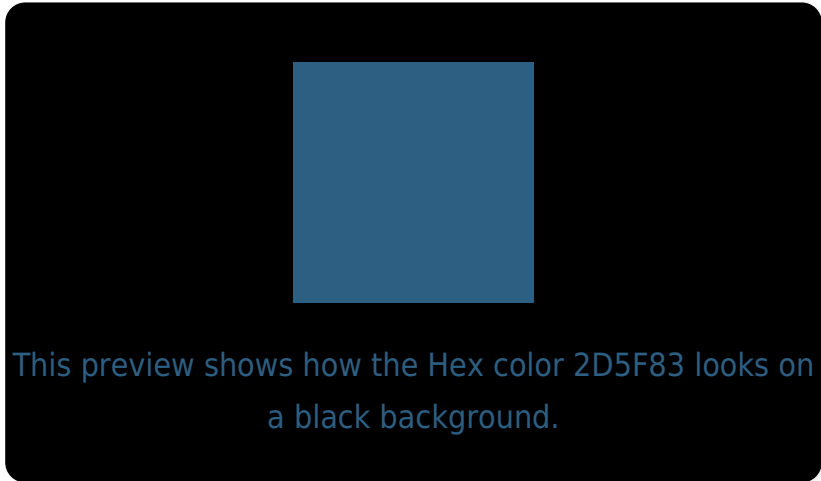
Large Text (above 18pt) WCAG AA ✓ Pass

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

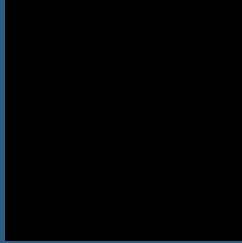
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

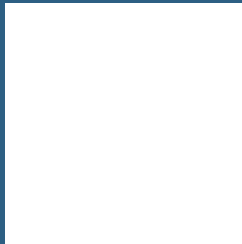
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D5F83 Background



This preview shows how black text looks on a background with the Hex color 2D5F83.



This preview shows how white text looks on a background with the Hex color 2D5F83.

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](#).

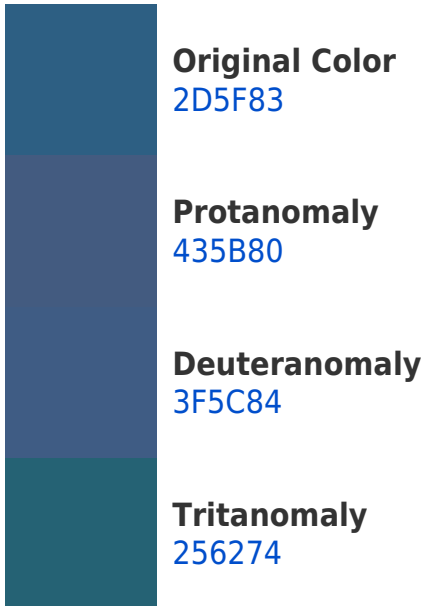
Dichromacy





Tritanopia
20636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5F83 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 #2D5F83 looks like.

```
.text, #text, p{  
    color:#2D5F83  
}
```

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 #2D5F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5F83
}
```

Border

The CSS property to change the border of an element to Hex 2D5F83 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
#2D5F83 }
```

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

```
.border{ border-color:#2D5F83 }
```

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

Here you see how a box with a 4 pixel #2D5F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5F83; -webkit-box-shadow:4px 4px  
4px 4px #2D5F83; box-shadow:4px 4px 4px  
4px #2D5F83 }
```

Background

The CSS property to change the background color of an element to Hex 2D5F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5F83 }
```

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

```
.background{ background-color:#2D5F83 }
```

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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