

Converting Colors

Hex(2D5785)

Have a look what the booklet for
Hex(2D5785) contains.

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Color

Hex(2D5785)

Conversions

Conversions Part 1

Format	Color
Hex	2D5785
RGB	45, 87, 133
RGB Percent	18%, 34%, 52%
CMY	0.8235, 0.6588, 0.4784
CMYK	0.66, 0.35, 0.00, 0.48
HSL	211°, 49%, 35%
HSV	211°, 66%, 52%
XYZ	8.7240, 9.0677, 23.4807
YIQ	79.6860, -39.7980, 5.4020

Conversions

Conversions Part 2

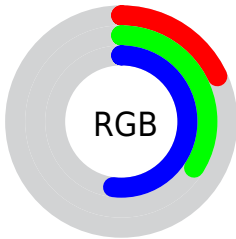
Format	Color
RYB	45, 73, 133
Decimal	2971525
CIELab	36.11, 0.91, -30.08
CIElCh	36, 30.097, 271.737
Yxy	9.0677, 0.2114, 0.2197
Android (android.graphics.Color)	4281161605 (0xFF2D5785)
YUV	79.6860, 26.2838, -30.4196
Hunter-Lab	30.1127, -0.9835, -25.1533

Details

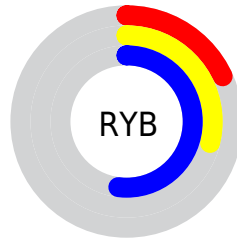
The Hex color **2D5785** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **855B2D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6489BA**, and **002A53** is the 20% darker color. If you saturate the color by 10%, you get **205085**, and if you desaturate by 10%, it is **3A5E85**.

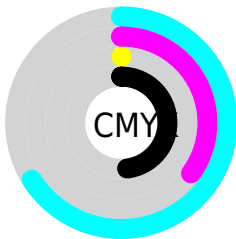
Distribution



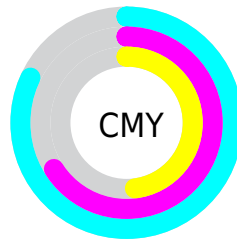
- Red (18%)
- Green (34%)
- Blue (52%)



- Red (18%)
- Yellow (29%)
- Blue (52%)



- Cyan (66%)
- Magenta (35%)
- Yellow (0%)
- Black (48%)



- Cyan (82%)
- Magenta (66%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5785 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 2D5785 by changing the saturation by 10% instead.

■ 2D5785

■ 2D5785

FFFFFF

■ 08406C

■ 6489BA

■ 002A53

■ 7FA3D6

■ 00163C

■ 9BBEF3

■ 000226

■ B7D9FF

■ 00010E

■ D3F6FF

■ 000000

■ F0FFFF

■ 2D5785

■ 2D5785

■ 205085

■ 3A5E85

■ 124985

■ 486585

■ 054285

■ 556C85

■ 003F85

■ 627385

■ 707A85

■ 7D8185

■ 8A8885

■ 978F85

■ A59685

Harmonies

Analogous

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



005D7F



2D5785



594E7E

Triad

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



2D5785



81433D



2A5F3D

Complementary

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



2D5785



855B2D

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.



495B2A



2D5785



754B2B

Square

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



2D5785



814154



625423



006156

Rectangle

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



2D5785



6C4873



625423



355E36

Sweetspot

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



2D5785



8B9BAD



2D855A



424C57



D6D6D6



575757

Same Dimension

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



2D5785



2466AD



2E2D85



3C3F42



003E82



000103

Inverse Universe

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



852D57



AD2466



84852D



423C3F



82003E



030001

Previews

White Background



This preview shows how the Hex color 2D5785 looks on a white background.

Color Contrast Check

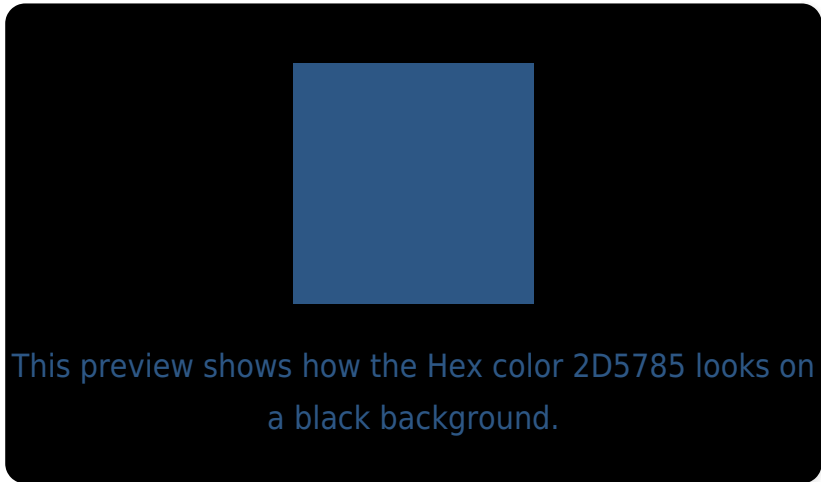
Large Text (above 18pt) WCAG AA ✓ Pass

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

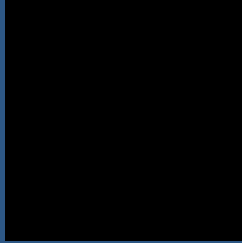
Any Text WCAG AA × Fail

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 2D5785 Background



This preview shows how black text looks on a background with the Hex color 2D5785.

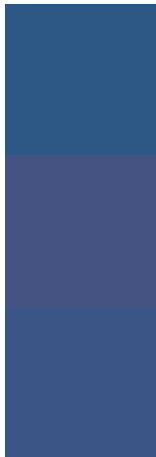


This preview shows how white text looks on a background with the Hex color 2D5785.

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
2D5785

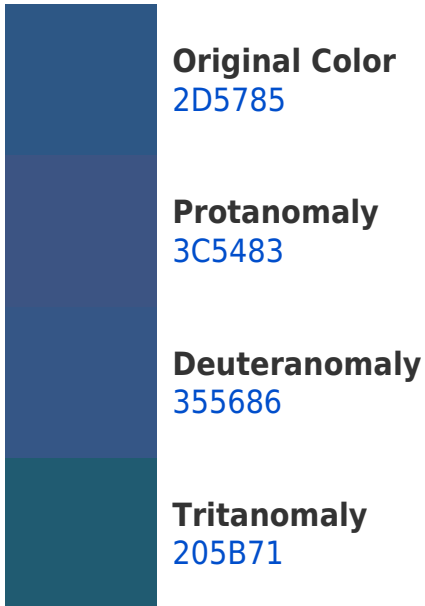
Protanopia
445382

Deuteranopia
3A5586



Tritanopia
195D65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5785 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 #2D5785 looks like.

```
.text, #text, p{  
    color:#2D5785  
}
```

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 #2D5785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5785
}
```

Border

The CSS property to change the border of an element to Hex 2D5785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

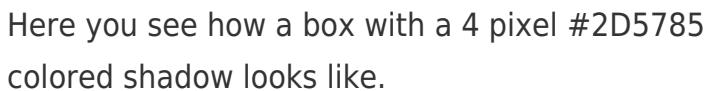
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D5785 }
```

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

```
.border{ border-color:#2D5785 }
```

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



Here you see how a box with a 4 pixel #2D5785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5785; -webkit-box-shadow:4px 4px  
4px 4px #2D5785; box-shadow:4px 4px 4px  
4px #2D5785 }
```

Background

The CSS property to change the background color of an element to Hex 2D5785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5785 }
```

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

```
.background{ background-color:#2D5785 }
```

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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