

Converting Colors

Hex(2D6185)

Have a look what the booklet for
Hex(2D6185) contains.

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Color

Hex(2D6185)

Conversions

Conversions Part 1

Format	Color
Hex	2D6185
RGB	45, 97, 133
RGB Percent	18%, 38%, 52%
CMY	0.8235, 0.6196, 0.4784
CMYK	0.66, 0.27, 0.00, 0.48
HSL	205°, 49%, 35%
HSV	205°, 66%, 52%
XYZ	9.5905, 10.8007, 23.7696
YIQ	85.5560, -42.5480, 0.1720

Conversions

Conversions Part 2

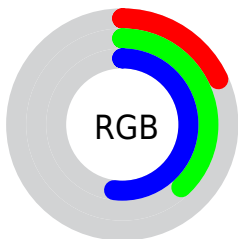
Format	Color
R_{YB}	45, 78, 133
Decimal	2974085
CIE _{Lab}	39.24, -5.34, -25.18
CIE _{LCh}	39, 25.739, 258.027
Yxy	10.8007, 0.2172, 0.2446
Android (android.graphics.Color)	4281164165 (0xFF2D6185)
YUV	85.5560, 23.3899, -35.5676
Hunter-Lab	32.8645, -5.4229, -19.8770

Details

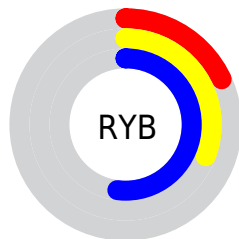
The Hex color **2D6185** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **85512D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6493BA**, and **003353** is the 20% darker color. If you saturate the color by 10%, you get **205C85**, and if you desaturate by 10%, it is **3A6685**.

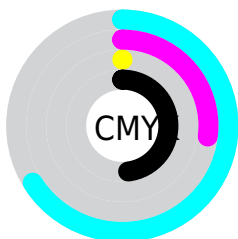
Distribution



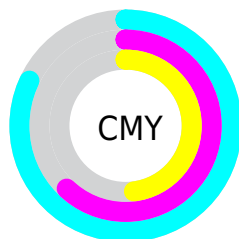
- Red (18%)
- Green (38%)
- Blue (52%)



- Red (18%)
- Yellow (31%)
- Blue (52%)



- Cyan (66%)
- Magenta (27%)
- Yellow (0%)
- Black (48%)



- Cyan (82%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6185 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 2D6185 by changing the saturation by 10% instead.

■ 2D6185

■ 2D6185

FFFFFF

■ 08496C

■ 6493BA

■ 003353

■ 7FAED6

■ 001E3C

■ 9BC9F3

■ 000326

■ B7E5FF

■ 00010F

■ D4FFFF

■ 000000

■ F1FFFF

■ 2D6185

■ 2D6185

■ 205C85

■ 3A6685

■ 125685

■ 486C85

■ 055185

■ 557185

■ 004F85

■ 627785

■ 707C85

■ 7D8285

■ 8A8785

■ 978D85

■ A59285

Harmonies

Analogous

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



00667B



2D6185



525A84

Triad

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



2D6185



854C51



466440

Complementary

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



2D6185



85512D

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.



5D5F34



2D6185



80513E

Square

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



2D6185



804D66



715833



296753

Rectangle

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



2D6185



66557D



715833



4E633B

Sweetspot

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



2D6185



8B9FAD



2D8550



424E57



D6D6D6



575757

Same Dimension

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



2D6185



2475AD



2D3685



3C4042



004D82



000203

Inverse Universe

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



852D61



AD2475



857C2D



423C40



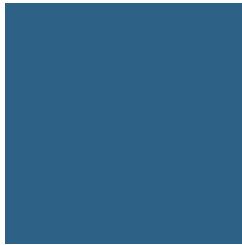
82004D



030002

Previews

White Background



This preview shows how the Hex color 2D6185 looks on a white background.

Color Contrast Check

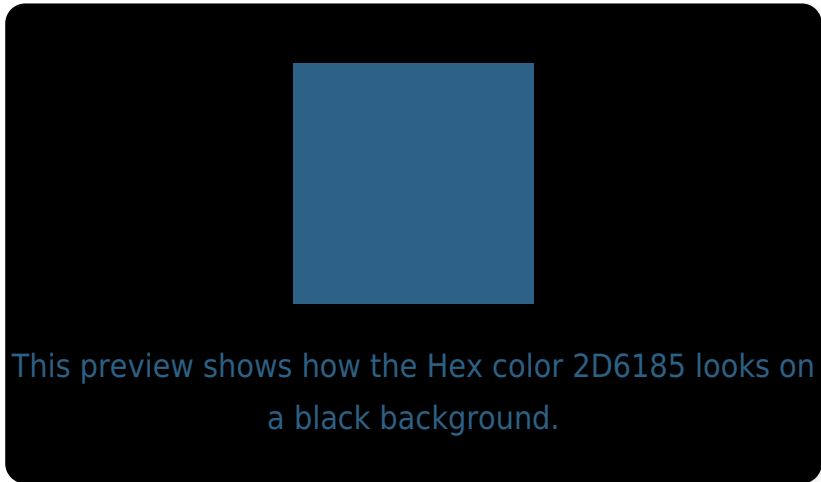
Large Text (above 18pt) WCAG AA ✓ Pass

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

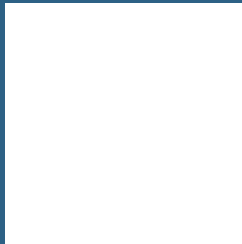
Any Text WCAG AAA × Fail

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

Hex 2D6185 Background



This preview shows how black text looks on a background with the Hex color 2D6185.

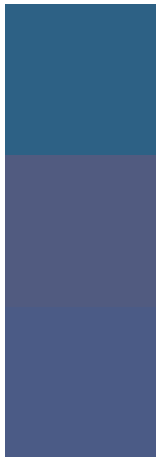


This preview shows how white text looks on a background with the Hex color 2D6185.

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
2D6185

Protanopia
515B80

Deuteranopia
4B5B86



Tritanopia
1F656E

Trichromacy



Original Color
2D6185

Protanomaly
445D82

Deuteranomaly
405D86

Tritanomaly
246476

Monochromacy



Original Color
2D6185

Achromatopsia
565656

Achromatomaly
475A67

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6185 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 #2D6185 looks like.

```
.text, #text, p{  
    color:#2D6185  
}
```

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 #2D6185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6185
}
```

Border

The CSS property to change the border of an element to Hex 2D6185 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
#2D6185 }
```

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

```
.border{ border-color:#2D6185 }
```

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

Here you see how a box with a 4 pixel #2D6185 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6185; -webkit-box-shadow:4px 4px  
4px 4px #2D6185; box-shadow:4px 4px 4px  
4px #2D6185 }
```

Background

The CSS property to change the background color of an element to Hex 2D6185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6185 }
```

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

```
.background{ background-color:#2D6185 }
```

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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