

Converting Colors

Hex(2D6687)

Have a look what the booklet for
Hex(2D6687) contains.

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Color

Hex(2D6687)

Conversions

Conversions Part 1

Format	Color
Hex	2D6687
RGB	45, 102, 135
RGB Percent	18%, 40%, 53%
CMY	0.8235, 0.6000, 0.4706
CMYK	0.67, 0.24, 0.00, 0.47
HSL	202°, 50%, 35%
HSV	202°, 67%, 53%
XYZ	10.2067, 11.8099, 24.6633
YIQ	88.7190, -44.5650, -1.8210

Conversions

Conversions Part 2

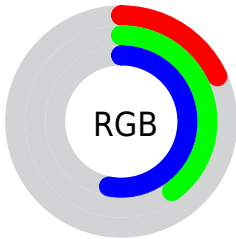
Format	Color
RYB	45, 80, 135
Decimal	2975367
CIELab	40.91, -7.65, -23.79
CIElCh	41, 24.992, 252.167
Yxy	11.8099, 0.2187, 0.2530
Android (android.graphics.Color)	4281165447 (0xFF2D6687)
YUV	88.7190, 22.8165, -38.3416
Hunter-Lab	34.3655, -7.1243, -18.4950




Details

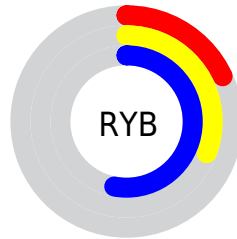
The Hex color **2D6687** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **874E2D**, and the grayscale version is **595959**.




A 20% lighter version of the original color is **6599BC**, and **003755** is the 20% darker color. If you saturate the color by 10%, you get **206187**, and if you desaturate by 10%, it is **3B6B87**.

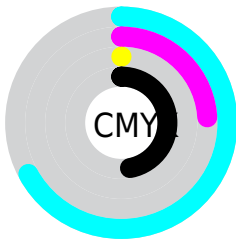
Distribution







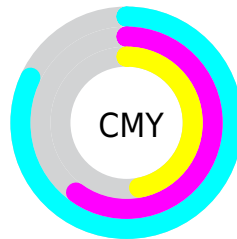
-  Red (18%)
-  Green (40%)
-  Blue (53%)






-  Red (18%)
-  Yellow (31%)
-  Blue (53%)



-  Cyan (67%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (82%)
-  Magenta (60%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6687 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 2D6687 by changing the saturation by 10% instead.

■ 2D6687

■ 2D6687

FFFFFF

■ 064E6E

■ 6599BC

■ 003755

■ 80B4D8

■ 00223E

■ 9CCFF5

■ 000928

■ B8EBFF

■ 000112

■ D4FFFF

■ 000000

■ F2FFFF

■ 2D6687

■ 2D6687

■ 206187

■ 3B6B87

■ 125C87

■ 487087

■ 055787

■ 567587

■ 005687

■ 637A87

■ 717F87

■ 7E8487

■ 8C8987

■ 998E87

■ A79387

Harmonies

Analogous

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



0A6A7B



2D6687



506088

Triad

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



2D6687



885159



4F6741

Complementary

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



2D6687



874E2D

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.



666238



2D6687



855446

Square

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



2D6687



81526E



785B3A



356B53

Rectangle

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



2D6687



655B83



785B3A



57663D

Sweetspot

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



2D6687



8DA3B0



2D874E



445159



D9D9D9



595959

Same Dimension

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



2D6687



237CB0



2D3987



3C4042



005282



000203

Inverse Universe

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



872D66



B0237C



877B2D



423C40



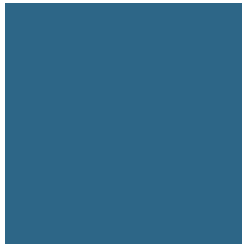
820052



030002

Previews

White Background



This preview shows how the Hex color 2D6687 looks on a white background.

Color Contrast Check

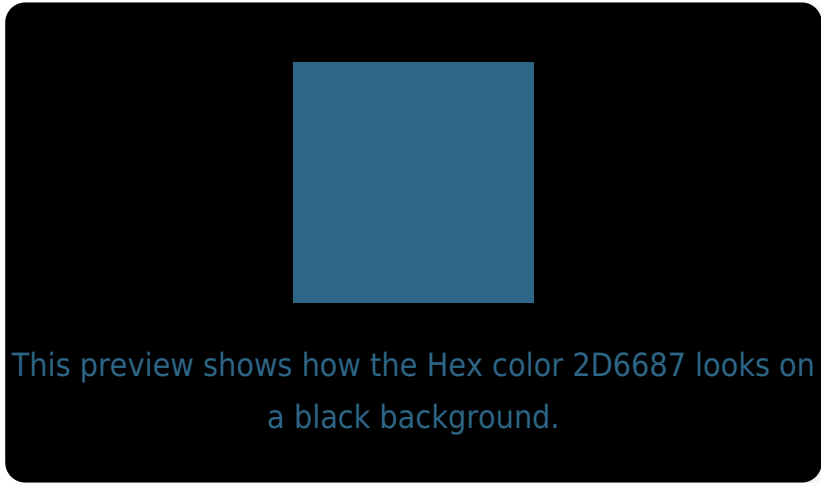
Large Text (above 18pt) WCAG AA ✓ Pass

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

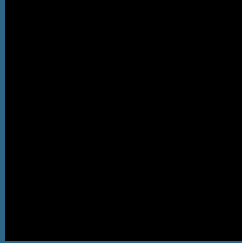
Any Text WCAG AA × Fail

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 2D6687 Background



This preview shows how black text looks on a background with the Hex color 2D6687.

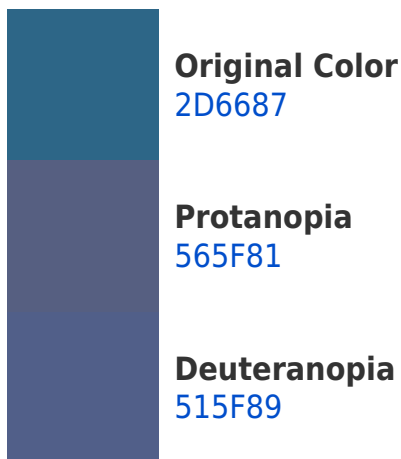


This preview shows how white text looks on a background with the Hex color 2D6687.

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](#).

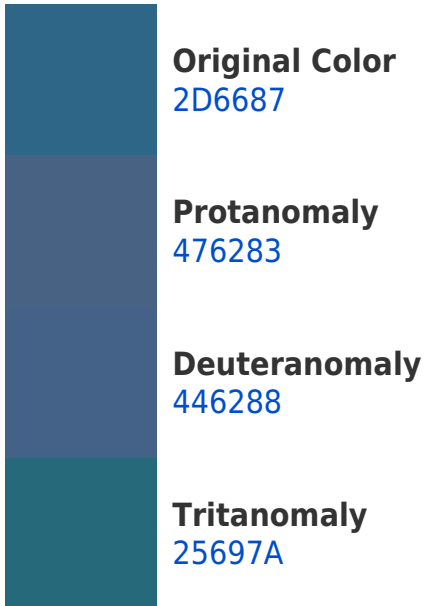
Dichromacy





Tritanopia
216A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6687 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 #2D6687 looks like.

```
.text, #text, p{  
    color:#2D6687  
}
```

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 #2D6687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6687
}
```

Border

The CSS property to change the border of an element to Hex 2D6687 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
#2D6687 }
```

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

```
.border{ border-color:#2D6687 }
```

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

Here you see how a box with a 4 pixel #2D6687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6687; -webkit-box-shadow:4px 4px  
4px 4px #2D6687; box-shadow:4px 4px 4px  
4px #2D6687 }
```

Background

The CSS property to change the background color of an element to Hex 2D6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6687 }
```

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

```
.background{ background-color:#2D6687 }
```

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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