

Converting Colors

Hex(2D6F9B)

Have a look what the booklet for
Hex(2D6F9B) contains.

Hex(2D6F9B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D6F9B)

Conversions

Conversions Part 1

Format	Color
Hex	2D6F9B
RGB	45, 111, 155
RGB Percent	18%, 44%, 61%
CMY	0.8235, 0.5647, 0.3922
CMYK	0.71, 0.28, 0.00, 0.39
HSL	204°, 55%, 39%
HSV	204°, 71%, 61%
XYZ	12.6830, 14.2933, 33.1008
YIQ	96.2820, -53.4600, -0.3080

Conversions

Conversions Part 2

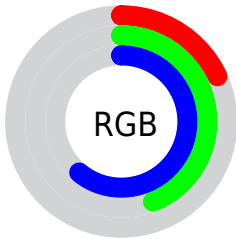
Format	Color
R_{YB}	45, 86, 155
Decimal	2977691
CIE _{Lab}	44.65, -5.92, -29.91
CIE _{LCh}	45, 30.490, 258.802
Yxy	14.2933, 0.2111, 0.2379
Android (android.graphics.Color)	4281167771 (0xFF2D6F9B)
YUV	96.2820, 28.9480, -44.9743
Hunter-Lab	37.8065, -6.2797, -25.4457

Details

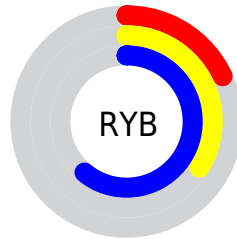
The Hex color **2D6F9B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B592D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **68A2D2**, and **004068** is the 20% darker color. If you saturate the color by 10%, you get **1E699B**, and if you desaturate by 10%, it is **3D759B**.

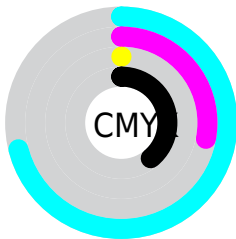
Distribution



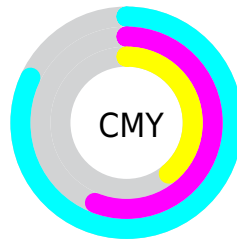
- Red (18%)
- Green (44%)
- Blue (61%)



- Red (18%)
- Yellow (34%)
- Blue (61%)



- Cyan (71%)
- Magenta (28%)
- Yellow (0%)
- Black (39%)



- Cyan (82%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6F9B 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 2D6F9B by changing the saturation by 10% instead.

■ 2D6F9B

■ 2D6F9B

FFFFFF

■ 005781

■ 68A2D2

■ 004068

■ 84BDEE

■ 002A4F

■ A1D9FF

■ 001638

■ BDF6FF

■ 000222

■ DBFFFF

■ 000008

■ F8FFFF

■ 000000

■ 2D6F9B

■ 2D6F9B

■ 1E699B

■ 3D759B

■ 0E639B

■ 4C7B9B

■ 005D9B

■ 5C829B

■ 6B889B

■ 7B8E9B

■ 8A949B

■ 9A9A9B

■ A9A19B

■ B9A79B

Harmonies

Analogous

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



00748F



2D6F9B



5E679A

Triad

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



2D6F9B



9A565B



4D7347

Complementary

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



2D6F9B



9B592D

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.



6A6D38



2D6F9B



935C44

Square

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



2D6F9B



945674



826537



28765F

Rectangle

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



2D6F9B



766091



826537



577141

Sweetspot

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



2D6F9B



9FB9C9



2D9B59



4D5C66



E6E6E6



666666

Same Dimension

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



2D6F9B



1E85C9



2D389B



45494D



00548C



00080D

Inverse Universe

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



9B2D6F



C91E85



9B902D



4D4549



8C0054



0D0008

Previews

White Background



This preview shows how the Hex color 2D6F9B looks on a white background.

Color Contrast Check

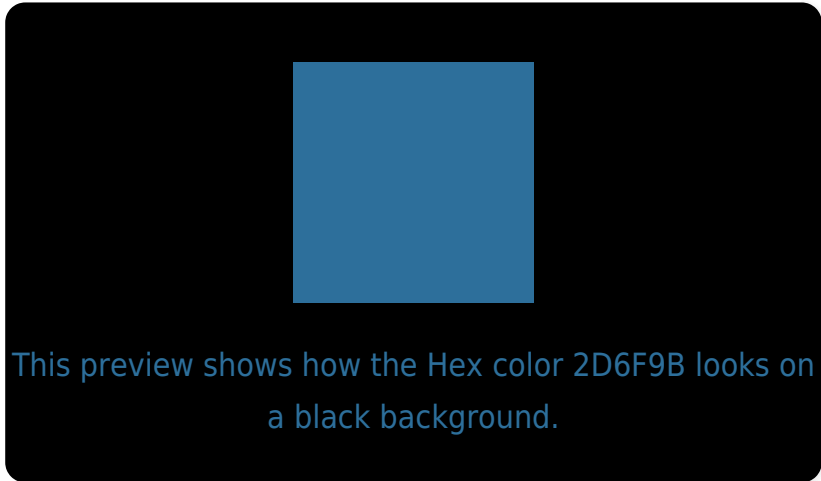
Large Text (above 18pt) WCAG AA ✓ Pass

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

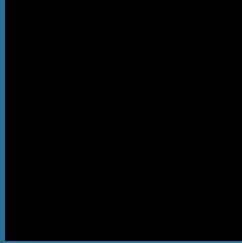
Any Text WCAG AA × Fail

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 2D6F9B Background



This preview shows how black text looks on a background with the Hex color 2D6F9B.



This preview shows how white text looks on a background with the Hex color 2D6F9B.

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](#).

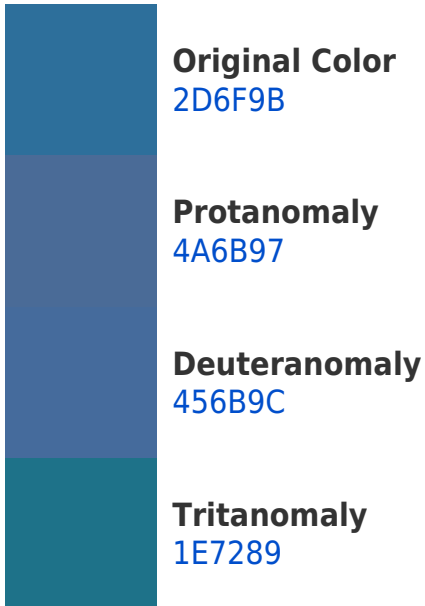
Dichromacy





Tritanopia
15747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6F9B 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 #2D6F9B looks like.

```
.text, #text, p{  
    color:#2D6F9B  
}
```

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 #2D6F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6F9B
}
```

Border

The CSS property to change the border of an element to Hex 2D6F9B 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
#2D6F9B }
```

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

```
.border{ border-color:#2D6F9B }
```

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

Here you see how a box with a 4 pixel #2D6F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6F9B; -webkit-box-shadow:4px 4px  
4px 4px #2D6F9B; box-shadow:4px 4px 4px  
4px #2D6F9B }
```

Background

The CSS property to change the background color of an element to Hex 2D6F9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6F9B }
```

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

```
.background{ background-color:#2D6F9B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor