

Converting Colors

Hex(2B6B9F)

Have a look what the booklet for
Hex(2B6B9F) contains.

Hex(2B6B9F)	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(2B6B9F)

Conversions

Conversions Part 1

Format	Color
Hex	2B6B9F
RGB	43, 107, 159
RGB Percent	17%, 42%, 62%
CMY	0.8314, 0.5804, 0.3765
CMYK	0.73, 0.33, 0.00, 0.38
HSL	207°, 57%, 40%
HSV	207°, 73%, 62%
XYZ	12.5120, 13.5322, 34.7534
YIQ	93.7920, -54.8360, 2.6040

Conversions

Conversions Part 2

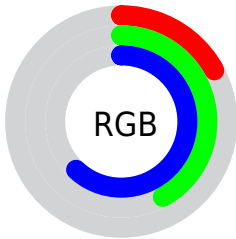
Format	Color
R_{YB}	43, 84, 159
Decimal	2845599
CIE _{Lab}	43.55, -2.35, -34.00
CIE _{LCh}	44, 34.082, 266.047
Yxy	13.5322, 0.2058, 0.2226
Android (android.graphics.Color)	4281035679 (0xFF2B6B9F)
YUV	93.7920, 32.1475, -44.5446
Hunter-Lab	36.7861, -3.6630, -30.2635

Details

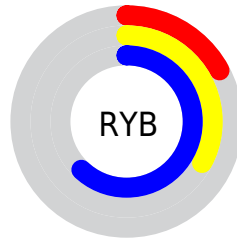
The Hex color **2B6B9F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F5F2B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **689ED6**, and **003C6B** is the 20% darker color. If you saturate the color by 10%, you get **1B649F**, and if you desaturate by 10%, it is **3B729F**.

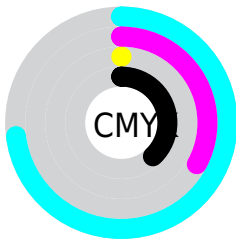
Distribution



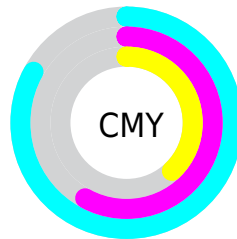
- Red (17%)
- Green (42%)
- Blue (62%)



- Red (17%)
- Yellow (33%)
- Blue (62%)



- Cyan (73%)
- Magenta (33%)
- Yellow (0%)
- Black (38%)



- Cyan (83%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6B9F 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 2B6B9F by changing the saturation by 10% instead.

■ 2B6B9F

■ 2B6B9F

FFFFFF

■ 005385

■ 689ED6

■ 003C6B

■ 84B9F3

■ 002753

■ A0D5FF

■ 00123B

■ BDF1FF

■ 000225

■ DAFFFF

■ 00010D

■ F8FFFF

■ 000000

■ 2B6B9F

■ 2B6B9F

■ 1B649F

■ 3B729F

■ 0B5D9F

■ 4B799F

■ 00589F

■ 5B809F

■ 6B889F

■ 7B8F9F

■ 8A969F

■ 9A9D9F

■ AAA49F

■ BAAB9F

Harmonies

Analogous

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



007295



2B6B9F



63619A

Triad

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



2B6B9F



9C5150



3D7246

Complementary

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



2B6B9F



9F5F2B

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.



5F6D32



2B6B9F



905A39

Square

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



2B6B9F



99506C



7B642D



007562

Rectangle

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



2B6B9F



7C5A8E



7B642D



49713E

Sweetspot

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



2B6B9F



A1BACF



2B9F5D



4D5C69



E8E8E8



696969

Same Dimension

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



2B6B9F



197DCF



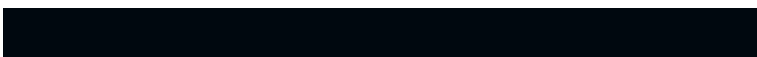
2B339F



474C4F



004F8F



00080F

Inverse Universe

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



9F2B6B



CF197D



9F972B



4F474C



8F004F



0F0008

Previews

White Background



This preview shows how the Hex color 2B6B9F looks on a white background.

Color Contrast Check

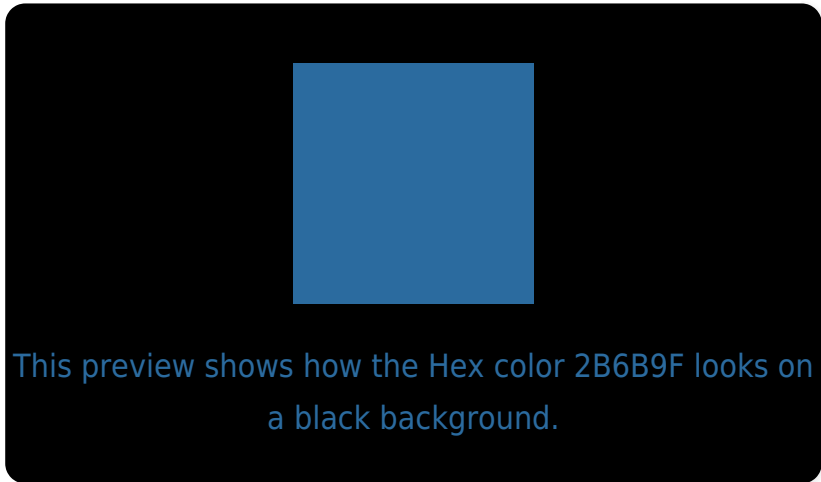
Large Text (above 18pt) WCAG AA ✓ Pass

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

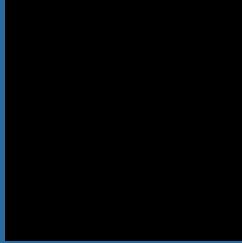
Any Text WCAG AA × Fail

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 2B6B9F Background



This preview shows how black text looks on a background with the Hex color 2B6B9F.



This preview shows how white text looks on a background with the Hex color 2B6B9F.

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](#).

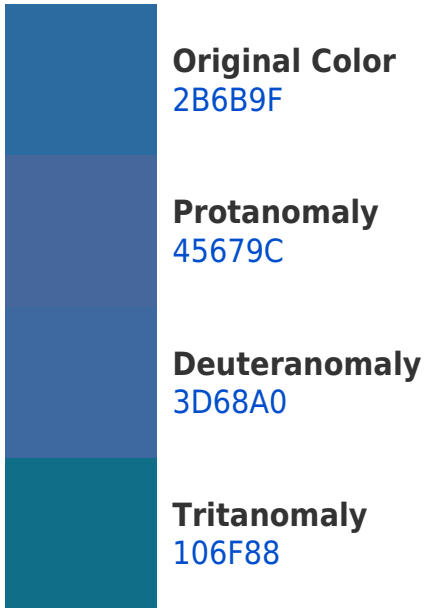
Dichromacy





Tritanopia
00727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6B9F 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 #2B6B9F looks like.

```
.text, #text, p{  
    color:#2B6B9F  
}
```

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 #2B6B9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6B9F
}
```

Border

The CSS property to change the border of an element to Hex 2B6B9F 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
#2B6B9F }
```

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

```
.border{ border-color:#2B6B9F }
```

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

Here you see how a box with a 4 pixel #2B6B9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6B9F; -webkit-box-shadow:4px 4px  
4px 4px #2B6B9F; box-shadow:4px 4px 4px  
4px #2B6B9F }
```

Background

The CSS property to change the background color of an element to Hex 2B6B9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6B9F }
```

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

```
.background{ background-color:#2B6B9F }
```

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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