

Converting Colors

Hex(2B6AAF)

Have a look what the booklet for
Hex(2B6AAF) contains.

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Color

Hex(2B6AAF)

Conversions

Conversions Part 1

Format	Color
Hex	2B6AAF
RGB	43, 106, 175
RGB Percent	17%, 42%, 69%
CMY	0.8314, 0.5843, 0.3137
CMYK	0.75, 0.39, 0.00, 0.31
HSL	211°, 61%, 43%
HSV	211°, 75%, 69%
XYZ	13.8882, 13.9168, 42.5117
YIQ	95.0290, -59.6970, 8.1030

Conversions

Conversions Part 2

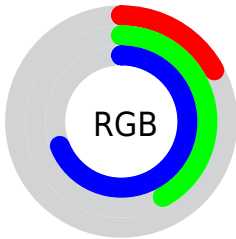
Format	Color
R_{YB}	43, 86, 175
Decimal	2845359
CIE _{Lab}	44.11, 4.24, -42.53
CIE _{LCh}	44, 42.745, 275.698
Yxy	13.9168, 0.1975, 0.1979
Android (android.graphics.Color)	4281035439 (0xFF2B6AAF)
YUV	95.0290, 39.4257, -45.6294
Hunter-Lab	37.3052, 1.1686, -41.4510

Details

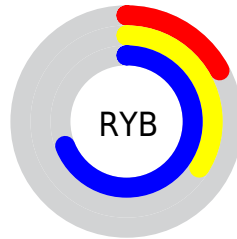
The Hex color **2B6AAF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AF702B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6B9DE7**, and **003C7A** is the 20% darker color. If you saturate the color by 10%, you get **1A61AF**, and if you desaturate by 10%, it is **3D73AF**.

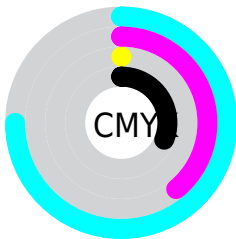
Distribution



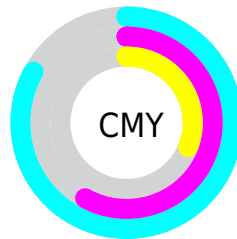
- Red (17%)
- Green (42%)
- Blue (69%)



- Red (17%)
- Yellow (34%)
- Blue (69%)



- Cyan (75%)
- Magenta (39%)
- Yellow (0%)
- Black (31%)



- Cyan (83%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6AAF 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 2B6AAF by changing the saturation by 10% instead.

■ 2B6AAF

■ 2B6AAF

FFFFFF

■ 005294

■ 6B9DE7

■ 003C7A

■ 88B8FF

■ 002761

■ A5D3FF

■ 001248

■ C2EFFF

■ 000431

■ E0FFFF

■ 00011B

FEFFFF

■ 000000

■ 2B6AAF

■ 2B6AAF

■ 1A61AF

■ 3D73AF

■ 0858AF

■ 4E7CAF

■ 0054AF

■ 6085AF

■ 718FAF

■ 8398AF

■ 94A1AF

■ A6AAAF

■ B7B3AF

■ C9BCAF

Harmonies

Analogous

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



0074A9



2B6AAF



735CA2

Triad

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



2B6AAF



A54E41



11774A

Complementary

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



2B6AAF



AF702B

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.



50722B



2B6AAF



935C26

Square

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



2B6AAF



A94863



75691C



007A6E

Rectangle

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



2B6AAF



8F5291



75691C



2F763E

Sweetspot

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



2B6AAF



AFC8E3



2BAF6F



536273



F2F2F2



737373

Same Dimension

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



2B6AAF



1477E3



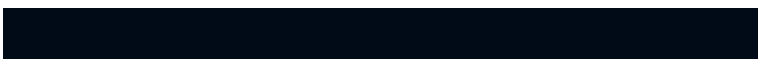
2D2BAF



4E5257



004896



000B17

Inverse Universe

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



AF2B6A



E31477



ADAF2B



574E52



960048



17000B

Previews

White Background



This preview shows how the Hex color 2B6AAF looks on a white background.

Color Contrast Check

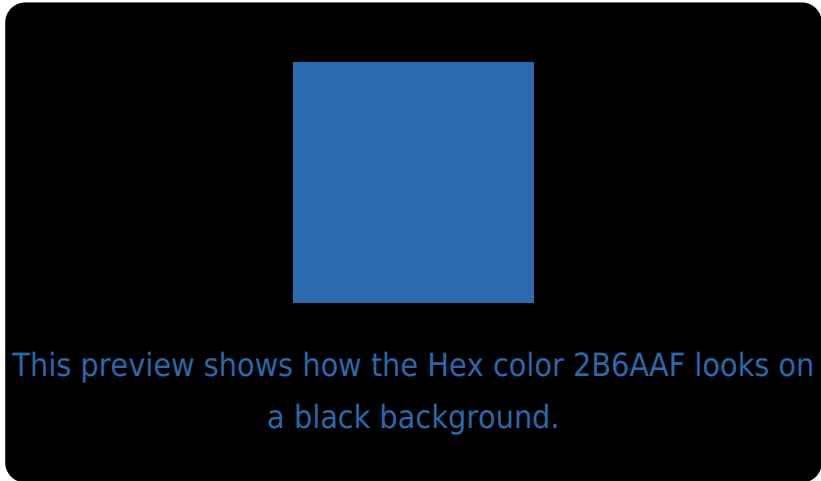
Large Text (above 18pt) WCAG AA ✓ Pass

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

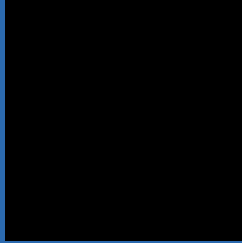
Any Text WCAG AA × Fail

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 2B6AAF Background



This preview shows how black text looks on a background with the Hex color 2B6AAF.



This preview shows how white text looks on a background with the Hex color 2B6AAF.

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
2B6AAF

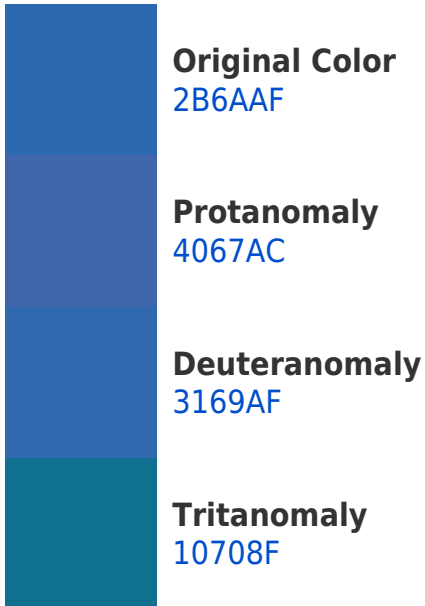
Protanopia
4C65AB

Deuteranopia
3569AF

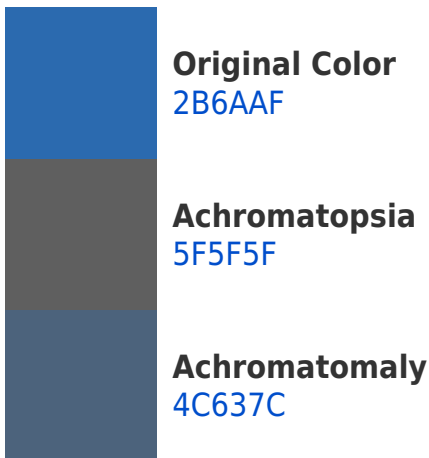


Tritanopia
00737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6AAF 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 #2B6AAF looks like.

```
.text, #text, p{  
    color:#2B6AAF  
}
```

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 #2B6AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6AAF
}
```

Border

The CSS property to change the border of an element to Hex 2B6AAF 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
#2B6AAF }
```

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

```
.border{ border-color:#2B6AAF }
```

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

Here you see how a box with a 4 pixel #2B6AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6AAF; -webkit-box-shadow:4px 4px  
4px 4px #2B6AAF; box-shadow:4px 4px 4px  
4px #2B6AAF }
```

Background

The CSS property to change the background color of an element to Hex 2B6AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6AAF }
```

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

```
.background{ background-color:#2B6AAF }
```

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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