

Converting Colors

Hex(2B4F96)

Have a look what the booklet for
Hex(2B4F96) contains.

Hex(2B4F96)	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(2B4F96)

Conversions

Conversions Part 1

Format	Color
Hex	2B4F96
RGB	43, 79, 150
RGB Percent	17%, 31%, 59%
CMY	0.8314, 0.6902, 0.4118
CMYK	0.71, 0.47, 0.00, 0.41
HSL	220°, 55%, 38%
HSV	220°, 71%, 59%
XYZ	9.2973, 8.3076, 29.9677
YIQ	76.3300, -44.2470, 14.4490

Conversions

Conversions Part 2

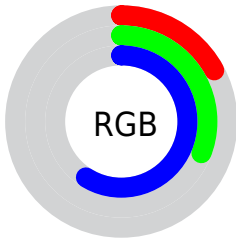
Format	Color
RYB	43, 70, 150
Decimal	2838422
CIELab	34.62, 12.21, -42.83
CIElCh	35, 44.533, 285.911
Yxy	8.3076, 0.1954, 0.1746
Android (android.graphics.Color)	4281028502 (0xFF2B4F96)
YUV	76.3300, 36.3193, -29.2304
Hunter-Lab	28.8228, 7.1380, -41.4690

Details

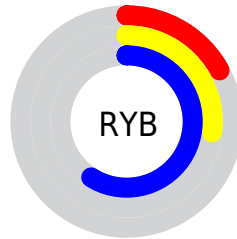
The Hex color **2B4F96** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **96722B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6680CD**, and **002462** is the 20% darker color. If you saturate the color by 10%, you get **1C4596**, and if you desaturate by 10%, it is **3A5996**.

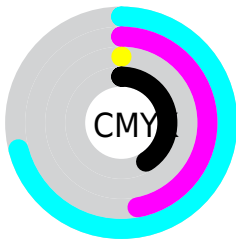
Distribution



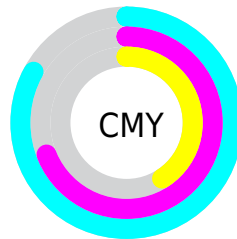
- Red (17%)
- Green (31%)
- Blue (59%)



- Red (17%)
- Yellow (27%)
- Blue (59%)



- Cyan (71%)
- Magenta (47%)
- Yellow (0%)
- Black (41%)



- Cyan (83%)
- Magenta (69%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4F96 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 2B4F96 by changing the saturation by 10% instead.

■ 2B4F96

■ 2B4F96

FFFFFF

■ 00397C

■ 6680CD

■ 002462

■ 8299E9

■ 000F4A

■ 9EB4FF

■ 000433

■ BBD0FF

■ 00021D

■ D8ECFF

■ 000000

■ F5FFFF

■ 2B4F96

■ 2B4F96

■ 1C4596

■ 3A5996

0D3B96

496396

003296

586D96

677796

768196

858B96

949596

A39F96

B2A996

Harmonies

Analogous

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



005A96



2B4F96



6B3F83

Triad

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



2B4F96



873A1F



00613F

Complementary

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



2B4F96



96722B

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.



265D1C



2B4F96



704A02

Square

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



2B4F96



912E40



515600



006264

Rectangle

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



2B4F96



81346F



515600



006033

Sweetspot

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



2B4F96



99A7C2



2B9671



495161



E0E0E0



616161

Same Dimension

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



2B4F96



1B53C2



3B2B96



43454A



002E8A



00030A

Inverse Universe

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



962B4F



C21B53



86962B



4A4345



8A002E



0A0003

Previews

White Background



This preview shows how the Hex color 2B4F96 looks on a white background.

Color Contrast Check

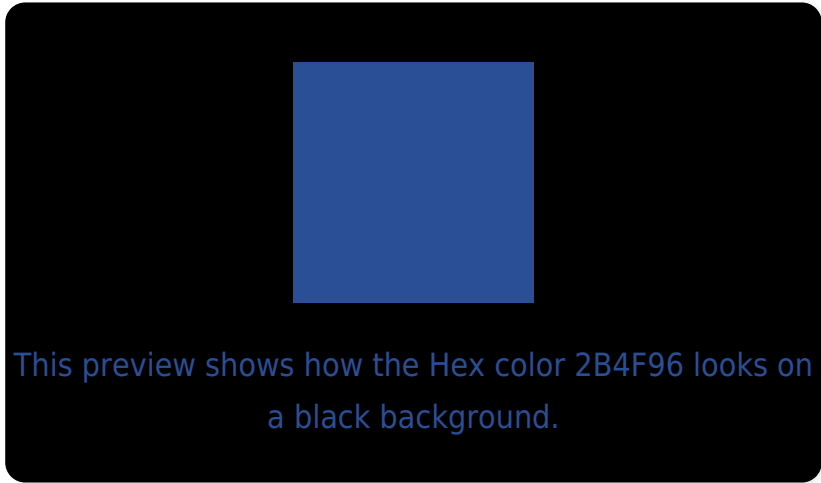
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

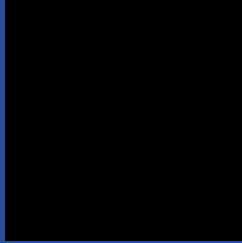
Any Text WCAG AA × Fail

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 2B4F96 Background



This preview shows how black text looks on a background with the Hex color 2B4F96.




This preview shows how white text looks on a background with the Hex color 2B4F96.

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](#).

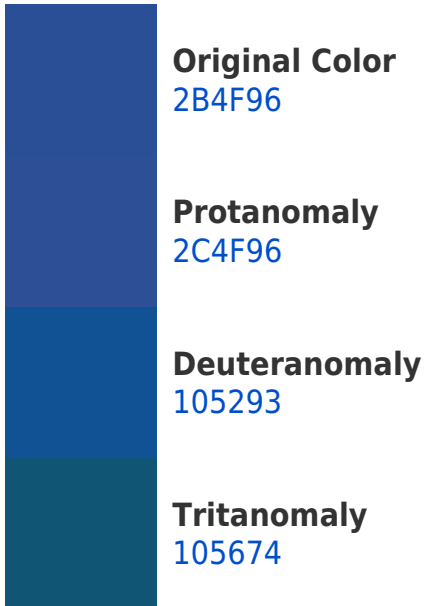
Dichromacy





Tritanopia
005A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4F96 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 #2B4F96 looks like.

```
.text, #text, p{  
    color:#2B4F96  
}
```

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 #2B4F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4F96
}
```

Border

The CSS property to change the border of an element to Hex 2B4F96 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
#2B4F96 }
```

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

```
.border{ border-color:#2B4F96 }
```

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

Here you see how a box with a 4 pixel #2B4F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4F96; -webkit-box-shadow:4px 4px  
4px 4px #2B4F96; box-shadow:4px 4px 4px  
4px #2B4F96 }
```

Background

The CSS property to change the background color of an element to Hex 2B4F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4F96 }
```

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

```
.background{ background-color:#2B4F96 }
```

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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