

# Converting Colors

Hex(2B53AB)

Have a look what the booklet for  
Hex(2B53AB) contains.

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# Color

Hex(2B53AB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B53AB
RGB	43, 83, 171
RGB Percent	17%, 33%, 67%
CMY	0.8314, 0.6745, 0.3294
CMYK	0.75, 0.51, 0.00, 0.33
HSL	221°, 60%, 42%
HSV	221°, 75%, 67%
XYZ	11.4402, 9.6404, 39.7859
YIQ	81.0720, -52.0880, 18.8880

# Conversions

## Conversions Part 2

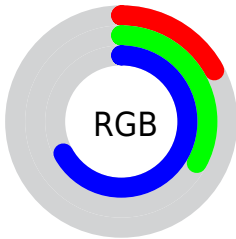
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 73, 171
Decimal	2839467
CIE <sub>Lab</sub>	37.19, 17.61, -51.28
CIE <sub>LCh</sub>	37, 54.217, 288.950
Y <sub>xy</sub>	9.6404, 0.1880, 0.1584
Android (android.graphics.Color)	4281029547 (0xFF2B53AB)
<b>YUV</b>	81.0720, 44.3345, -33.3891
Hunter-Lab	31.0490, 11.4339, -54.2395

# Details

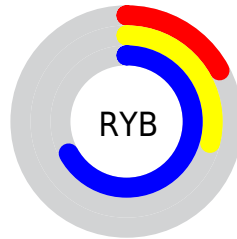
The Hex color **2B53AB** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AB832B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6A84E3**, and **002776** is the 20% darker color. If you saturate the color by 10%, you get **1A47AB**, and if you desaturate by 10%, it is **3C5FAB**.

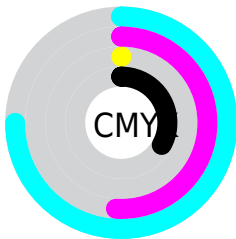
# Distribution



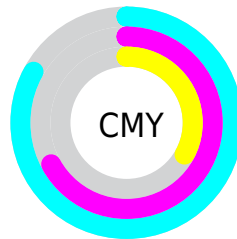
- Red (17%)
- Green (33%)
- Blue (67%)



- Red (17%)
- Yellow (29%)
- Blue (67%)



- Cyan (75%)
- Magenta (51%)
- Yellow (0%)
- Black (33%)



- Cyan (83%)
- Magenta (67%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B53AB 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 2B53AB by changing the saturation by 10% instead.



■ 2B53AB

■ 2B53AB

FFFFFF

■ 003C90

■ 6A84E3

■ 002776

■ 879EFF

■ 00155D

■ A4B9FF

■ 000344

■ C2D4FF

■ 00032D

■ DFF1FF

■ 000117

FDFFFF

■ 000000

■ 2B53AB

■ 2B53AB

■ 1A47AB

■ 3C5FAB

093BAB

4D6BAB

0035AB

5E76AB

6F82AB

808EAB

929AAB

A3A5AB

B4B1AB

C5BDAB

# Harmonies

## Analogous

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



0061AE



2B53AB



7B3D92

# Triad

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



2B53AB



953C14



006A45

# Complementary

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



2B53AB



AB832B

# 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.



0E6617



2B53AB



785000

# Square

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



2B53AB



A3273E



505E00



006B73

# Rectangle

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



2B53AB



952E78



505E00



006936



# Sweetspot

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



2B53AB



ADBCDE



2BAB82



535C70



F0F0F0



707070



# Same Dimension

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



2B53AB



1655DE



422BAB



4E5157



002F96



000717



# Inverse Universe

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



AB2B53



DE1655



94AB2B



574E51



96002F



170007



# Previews

## White Background



This preview shows how the Hex color 2B53AB looks on a white background.

## Color Contrast Check

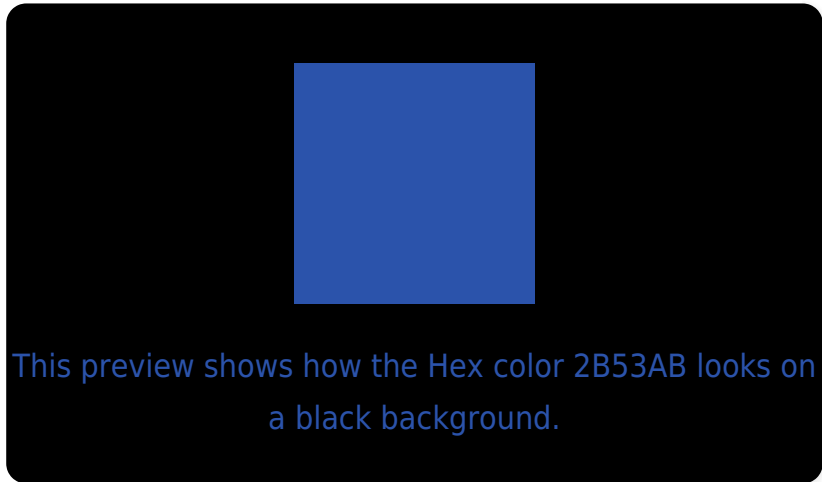
Large Text (above 18pt) WCAG AA ✓ Pass

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

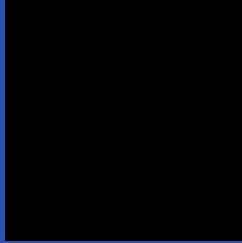
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B53AB Background



This preview shows how black text looks on a background with the Hex color 2B53AB.



This preview shows how white text looks on a background with the Hex color 2B53AB.

# 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



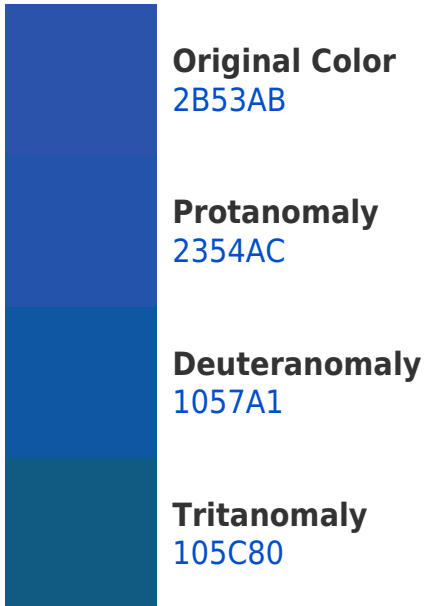
**Original Color**  
2B53AB

**Protanopia**  
1F54AC

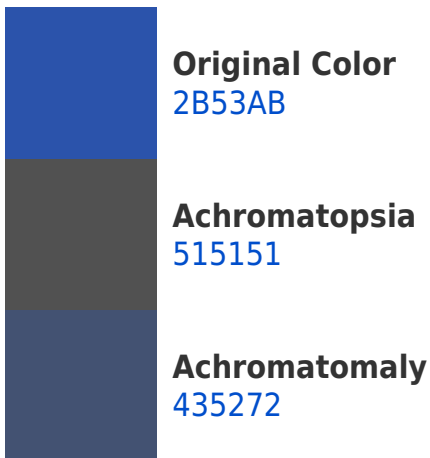
**Deuteranopia**  
00599B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B53AB 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 #2B53AB looks like.

```
.text, #text, p{  
    color:#2B53AB  
}
```

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 #2B53AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B53AB
}
```

## Border

The CSS property to change the border of an element to Hex 2B53AB 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
#2B53AB }
```

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

```
.border{ border-color:#2B53AB }
```

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

Here you see how a box with a 4 pixel #2B53AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B53AB; -webkit-box-shadow:4px 4px  
4px 4px #2B53AB; box-shadow:4px 4px 4px  
4px #2B53AB }
```

# Background

The CSS property to change the background color of an element to Hex 2B53AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B53AB }
```

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

```
.background{ background-color:#2B53AB }
```

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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