

# Converting Colors

Hex(2B54AA)

Have a look what the booklet for  
Hex(2B54AA) contains.

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# Color

**Hex(2B54AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B54AA
RGB	43, 84, 170
RGB Percent	17%, 33%, 67%
CMY	0.8314, 0.6706, 0.3333
CMYK	0.75, 0.51, 0.00, 0.33
HSL	221°, 60%, 42%
HSV	221°, 75%, 67%
XYZ	11.4223, 9.7565, 39.3114
YIQ	81.5450, -52.0420, 18.0540

# Conversions

## Conversions Part 2

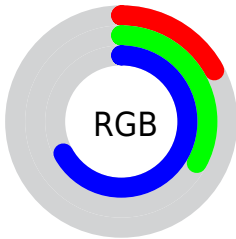
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 74, 170
Decimal	2839722
CIE <sub>Lab</sub>	37.40, 16.56, -50.34
CIE <sub>LCh</sub>	37, 52.995, 288.210
Yxy	9.7565, 0.1888, 0.1613
Android (android.graphics.Color)	4281029802 (0xFF2B54AA)
YUV	81.5450, 43.6083, -33.8040
Hunter-Lab	31.2354, 10.6125, -52.7547

# Details

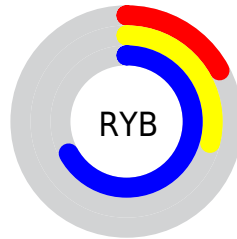
The Hex color **2B54AA** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AA812B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6A85E2**, and **002875** is the 20% darker color. If you saturate the color by 10%, you get **1A48AA**, and if you desaturate by 10%, it is **3C60AA**.

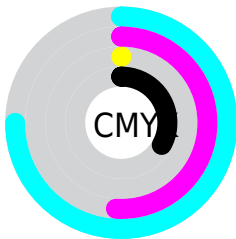
# Distribution



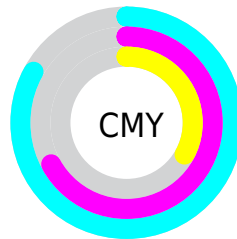
- Red (17%)
- Green (33%)
- Blue (67%)



- 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 2B54AA 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 2B54AA by changing the saturation by 10% instead.



■ 2B54AA

■ 2B54AA

FFFFFF

■ 003D8F

■ 6A85E2

■ 002875

■ 879FFF

■ 00155C

■ A4BAFF

■ 000344

■ C1D5FF

■ 00032C

■ DFF2FF

■ 000117

FDFFFF

■ 000000

■ 2B54AA

■ 2B54AA

■ 1A48AA

■ 3C60AA

■ 093DAA

■ 4D6BAA

■ 0037AA

■ 5E77AA

■ 6F82AA

■ 808EAA

■ 9199AA

■ A2A5AA

■ B3B0AA

■ C4BCAA

# Harmonies

## Analogous

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



0062AC



2B54AA



7A3F92

# Triad

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



2B54AA



953D18



006A45

# Complementary

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



2B54AA



AA812B

# 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.



176618



2B54AA



795000

# Square

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



2B54AA



A32A40



525E00



006B72

# Rectangle

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



2B54AA



933179



525E00



006936



# Sweetspot

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



2B54AA



ADBDDE



2BAA80



535C70



F0F0F0



707070



# Same Dimension

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



2B54AA



1657DE



402BAA



4C4E54



003094



000714



# Inverse Universe

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



AA2B54



DE1657



95AA2B



544C4E



940030



140007



# Previews

## White Background



This preview shows how the Hex color 2B54AA looks on a white background.

## Color Contrast Check

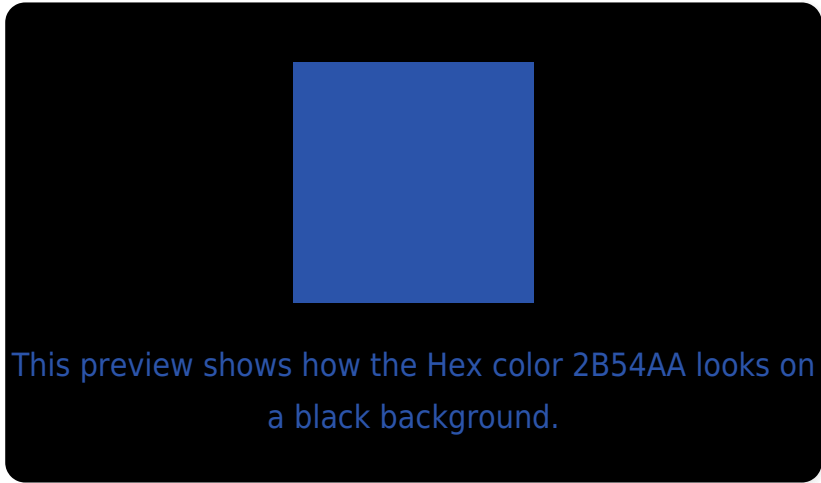
Large Text (above 18pt) WCAG AA ✓ Pass

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

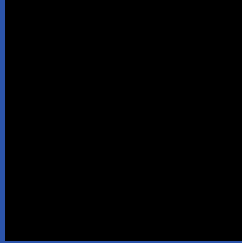
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B54AA Background



This preview shows how black text looks on a background with the Hex color 2B54AA.

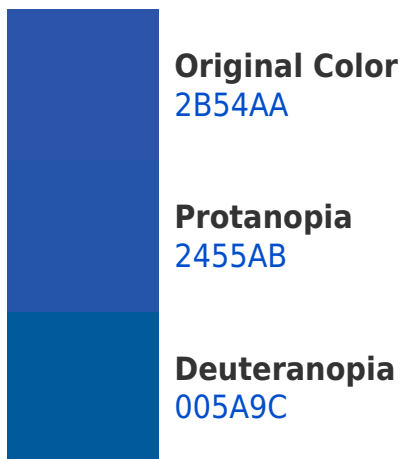


This preview shows how white text looks on a background with the Hex color 2B54AA.

# Color Blindness Simulation

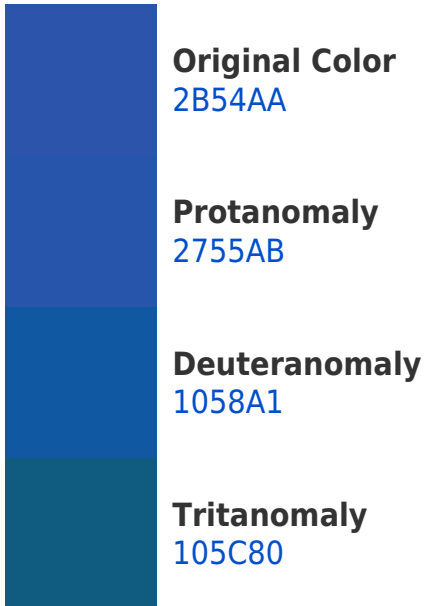
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

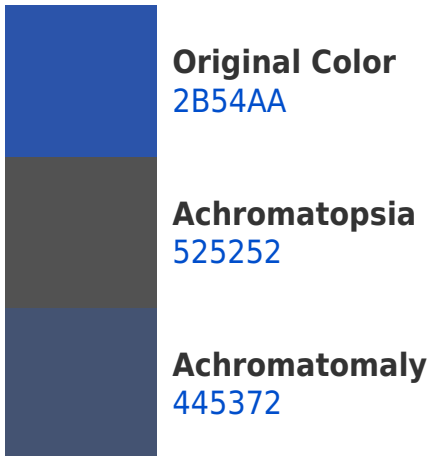




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B54AA 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 #2B54AA looks like.

```
.text, #text, p{  
    color:#2B54AA  
}
```

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 #2B54AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B54AA
}
```

## Border

The CSS property to change the border of an element to Hex 2B54AA 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
#2B54AA }
```

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

```
.border{ border-color:#2B54AA }
```

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

Here you see how a box with a 4 pixel #2B54AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B54AA; -webkit-box-shadow:4px 4px  
4px 4px #2B54AA; box-shadow:4px 4px 4px  
4px #2B54AA }
```

# Background

The CSS property to change the background color of an element to Hex 2B54AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B54AA }
```

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

```
.background{ background-color:#2B54AA }
```

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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