

Converting Colors

Hex(2B63AD)

Have a look what the booklet for
Hex(2B63AD) contains.

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Color

Hex(2B63AD)

Conversions

Conversions Part 1

Format	Color
Hex	2B63AD
RGB	43, 99, 173
RGB Percent	17%, 39%, 68%
CMY	0.8314, 0.6118, 0.3216
CMYK	0.75, 0.43, 0.00, 0.32
HSL	214°, 60%, 42%
HSV	214°, 75%, 68%
XYZ	13.0009, 12.4544, 41.2539
YIQ	90.6920, -57.1300, 11.1420

Conversions

Conversions Part 2

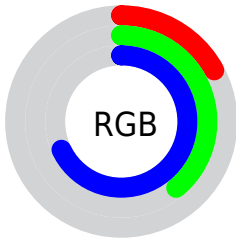
Format	Color
R _Y B	43, 82, 173
Decimal	2843565
CIE Lab	41.93, 7.93, -44.84
CIE LCh	42, 45.538, 280.023
Yxy	12.4544, 0.1949, 0.1867
Android (android.graphics.Color)	4281033645 (0xFF2B63AD)
YUV	90.6920, 40.5778, -41.8259
Hunter-Lab	35.2908, 3.9995, -44.6047

Details

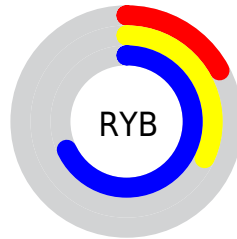
The Hex color **2B63AD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AD752B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6A95E5**, and **003578** is the 20% darker color. If you saturate the color by 10%, you get **1A59AD**, and if you desaturate by 10%, it is **3C6DAD**.

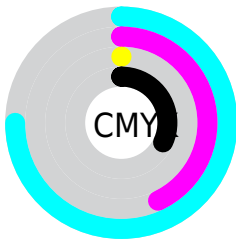
Distribution



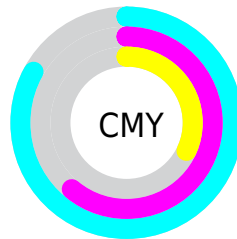
- Red (17%)
- Green (39%)
- Blue (68%)



- Red (17%)
- Yellow (32%)
- Blue (68%)



- Cyan (75%)
- Magenta (43%)
- Yellow (0%)
- Black (32%)



- Cyan (83%)
- Magenta (61%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B63AD 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 2B63AD by changing the saturation by 10% instead.

■ 2B63AD

■ 2B63AD

FFFFFF

■ 004B92

■ 6A95E5

■ 003578

■ 87B0FF

■ 00215F

■ A4CBFF

■ 000947

■ C1E7FF

■ 00042F

■ DFFFFF

■ 00011A

FDFFFF

■ 000000

■ 2B63AD

■ 2B63AD

■ 1A59AD

■ 3C6DAD

■ 084FAD

■ 4E77AD

■ 004BAD

■ 5F81AD

■ 708AAD

■ 8294AD

■ 939EAD

■ A4A8AD

■ B5B2AD

■ C7BCAD

Harmonies

Analogous

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



006EA9



2B63AD



75539D

Triad

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



2B63AD



A04934



007348

Complementary

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



2B63AD



AD752B

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.



426E25



2B63AD



8A5818

Square

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



2B63AD



A73F58



6A650E



00756F

Rectangle

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



2B63AD



904989



6A650E



13723C

Sweetspot

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



2B63AD



ADC3E0



2BAD75



515E70



F0F0F0



707070

Same Dimension

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



2B63AD



166DE0



342BAD



4E5257



004196



000A17

Inverse Universe

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



AD2B63



E0166D



A4AD2B



574E52



960041



17000A

Previews

White Background



This preview shows how the Hex color 2B63AD looks on a white background.

Color Contrast Check

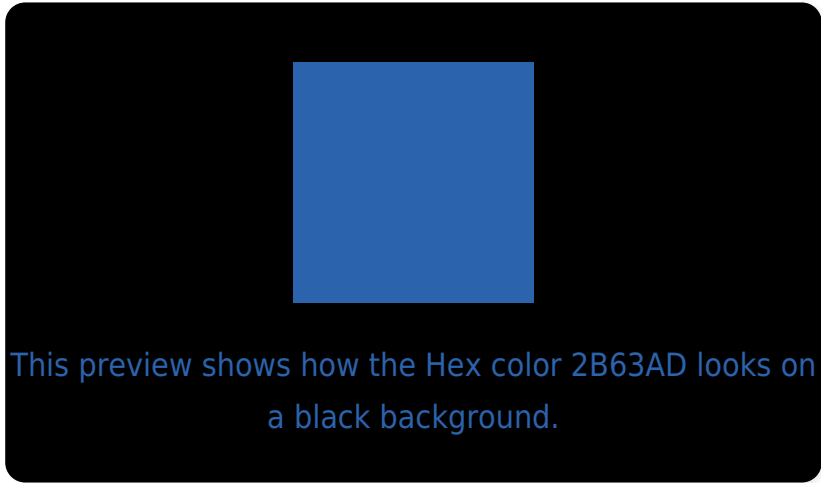
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B63AD Background



This preview shows how black text looks on a background with the Hex color 2B63AD.

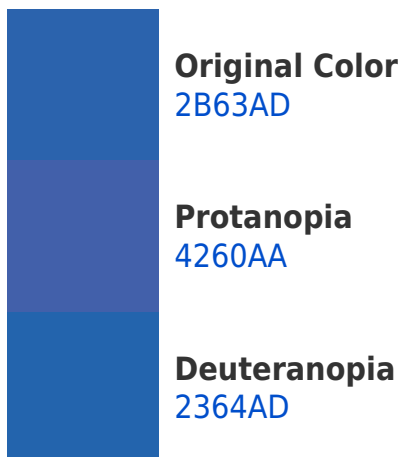


This preview shows how white text looks on a background with the Hex color 2B63AD.

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](#).

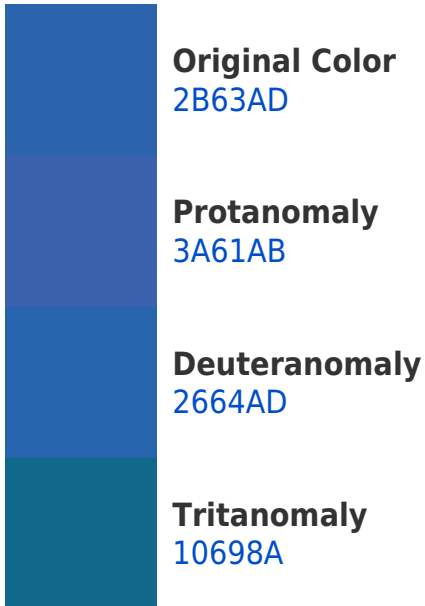
Dichromacy



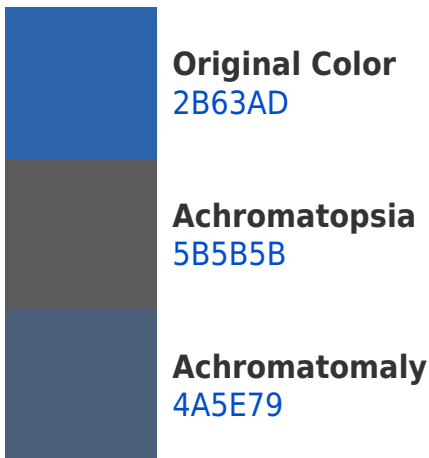


Tritanopia
006D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B63AD 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 #2B63AD looks like.

```
.text, #text, p{  
    color:#2B63AD  
}
```

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 #2B63AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B63AD
}
```

Border

The CSS property to change the border of an element to Hex 2B63AD 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
#2B63AD }
```

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

```
.border{ border-color:#2B63AD }
```

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

Here you see how a box with a 4 pixel #2B63AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B63AD; -webkit-box-shadow:4px 4px  
4px 4px #2B63AD; box-shadow:4px 4px 4px  
4px #2B63AD }
```

Background

The CSS property to change the background color of an element to Hex 2B63AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B63AD }
```

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

```
.background{ background-color:#2B63AD }
```

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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