

# Converting Colors

Hex(2863AA)

Have a look what the booklet for  
Hex(2863AA) contains.

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# Color

**Hex(2863AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2863AA
RGB	40, 99, 170
RGB Percent	16%, 39%, 67%
CMY	0.8431, 0.6118, 0.3333
CMYK	0.76, 0.42, 0.00, 0.33
HSL	213°, 62%, 41%
HSV	213°, 76%, 67%
XYZ	12.5926, 12.2771, 39.7362
YIQ	89.4530, -57.9550, 9.5730

# Conversions

## Conversions Part 2

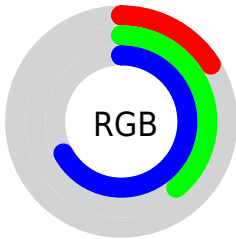
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 81, 170
Decimal	2646954
CIE <sub>Lab</sub>	41.65, 6.39, -43.52
CIE <sub>LCh</sub>	42, 43.989, 278.354
Yxy	12.2771, 0.1949, 0.1900
Android (android.graphics.Color)	4280837034 (0xFF2863AA)
YUV	89.4530, 39.7097, -43.3703
Hunter-Lab	35.0387, 2.8338, -42.7118

# Details

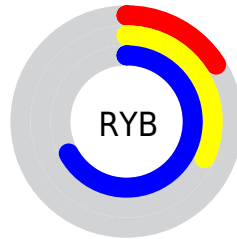
The Hex color **2863AA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AA6F28**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6895E2**, and **003575** is the 20% darker color. If you saturate the color by 10%, you get **175AAA**, and if you desaturate by 10%, it is **396CAA**.

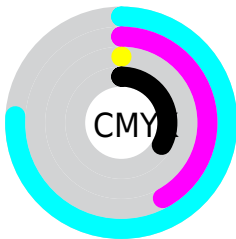
# Distribution



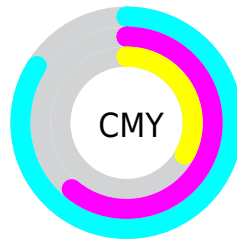
- Red (16%)
- Green (39%)
- Blue (67%)



- Red (16%)
- Yellow (32%)
- Blue (67%)



- Cyan (76%)
- Magenta (42%)
- Yellow (0%)
- Black (33%)



- Cyan (84%)
- Magenta (61%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2863AA 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 2863AA by changing the saturation by 10% instead.



■ 2863AA

■ 2863AA

FFFFFF

■ 004B8F

■ 6895E2

■ 003575

■ 85B0FF

■ 00215C

■ A2CBFF

■ 000844

■ BFE7FF

■ 00032D

■ DCFFFF

■ 000117

■ FAFFFF

■ 000000

■ 2863AA

■ 2863AA

■ 175AAA

■ 396CAA

0650AA

4A76AA

004DAA

5B7FAA

6C88AA

7D91AA

8E9BAA

9FA4AA

B0ADAA

C1B7AA

# Harmonies

## Analogous

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



006DA5



2863AA



71549B

# Triad

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



2863AA



9F4837



007246

# Complementary

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



2863AA



AA6F28

# 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.



456D25



2863AA



8A571C

# Square

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



2863AA



A4405A



6C6412



00746C

# Rectangle

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



2863AA



8C4A89



6C6412



1E703A



# Sweetspot

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



2863AA



ABC2DE



28AA6D



515F70



F0F0F0



707070



# Same Dimension

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



2863AA



126EDE



2C28AA



4C5054



004394



000914



# Inverse Universe

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



AA2863



DE126E



A6AA28



544C50



940043



140009



# Previews

## White Background



This preview shows how the Hex color 2863AA looks on a white background.

## Color Contrast Check

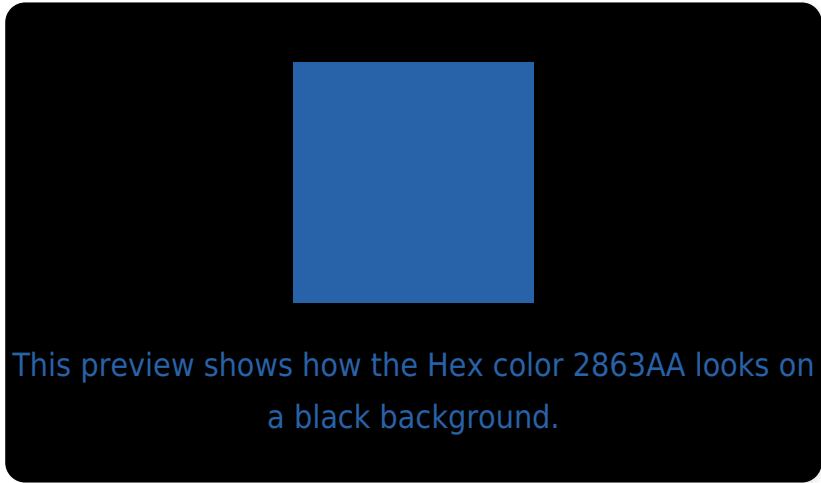
Large Text (above 18pt) WCAG AA ✓ Pass

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

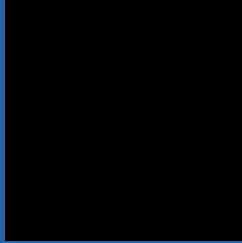
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2863AA Background



This preview shows how black text looks on a background with the Hex color 2863AA.

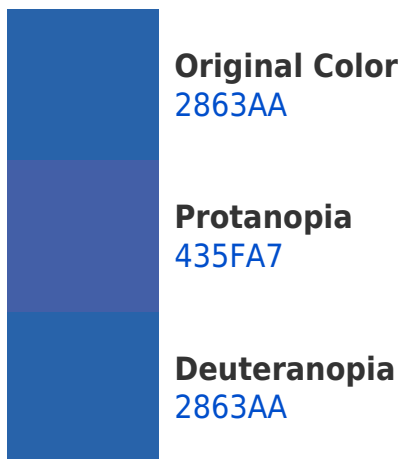


This preview shows how white text looks on a background with the Hex color 2863AA.

# 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](#).

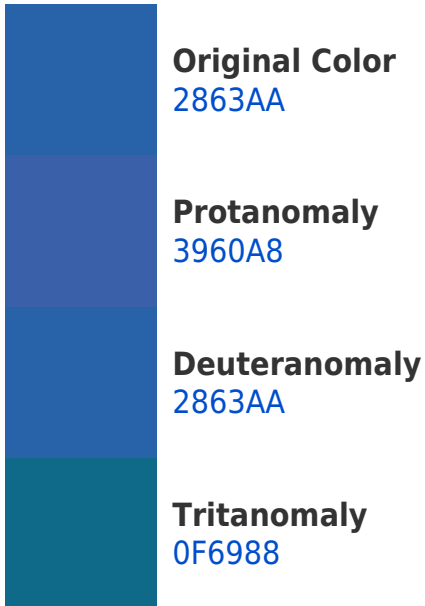
## Dichromacy



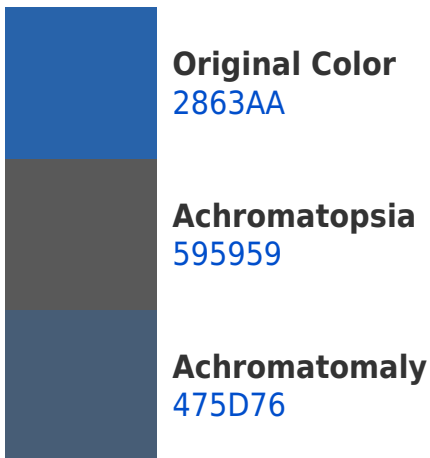


**Tritanopia**  
006D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2863AA 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 #2863AA looks like.

```
.text, #text, p{  
    color:#2863AA  
}
```

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 #2863AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2863AA
}
```

## Border

The CSS property to change the border of an element to Hex 2863AA 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
#2863AA }
```

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

```
.border{ border-color:#2863AA }
```

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

Here you see how a box with a 4 pixel #2863AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2863AA; -webkit-box-shadow:4px 4px  
4px 4px #2863AA; box-shadow:4px 4px 4px  
4px #2863AA }
```

# Background

The CSS property to change the background color of an element to Hex 2863AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2863AA }
```

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

```
.background{ background-color:#2863AA }
```

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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