

Converting Colors

Hex(2A58AE)

Have a look what the booklet for
Hex(2A58AE) contains.

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Color

Hex(2A58AE)

Conversions

Conversions Part 1

Format	Color
Hex	2A58AE
RGB	42, 88, 174
RGB Percent	16%, 35%, 68%
CMY	0.8353, 0.6549, 0.3176
CMYK	0.76, 0.49, 0.00, 0.32
HSL	219°, 61%, 42%
HSV	219°, 76%, 68%
XYZ	12.0845, 10.5277, 41.4395
YIQ	84.0500, -55.0220, 16.9940

Conversions

Conversions Part 2

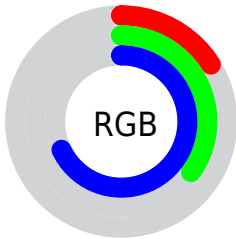
Format	Color
RYB	42, 76, 174
Decimal	2775214
CIELab	38.77, 15.33, -50.50
CIELCh	39, 52.776, 286.885
Yxy	10.5277, 0.1887, 0.1644
Android (android.graphics.Color)	4280965294 (0xFF2A58AE)
YUV	84.0500, 44.3454, -36.8778
Hunter-Lab	32.4464, 9.7006, -53.0109




Details

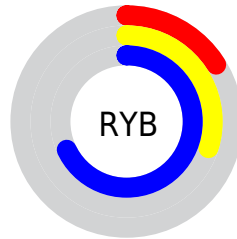
The Hex color **2A58AE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AE802A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6A89E6**, and **002C79** is the 20% darker color. If you saturate the color by 10%, you get **194DAE**, and if you desaturate by 10%, it is **3B63AE**.

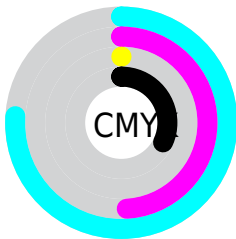
Distribution







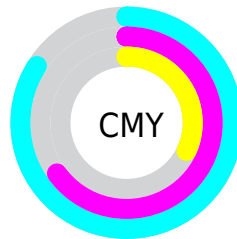
-  Red (16%)
-  Green (35%)
-  Blue (68%)






-  Red (16%)
-  Yellow (30%)
-  Blue (68%)



-  Cyan (76%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (84%)
-  Magenta (65%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A58AE 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 2A58AE by changing the saturation by 10% instead.

■ 2A58AE

■ 2A58AE

FFFFFF

■ 004193

■ 6A89E6

■ 002C79

■ 87A3FF

■ 00195F

■ A4BEFF

■ 000047

■ C2DAFF

■ 000430

■ DFF7FF

■ 00011A

FDFFFF

■ 000000

■ 2A58AE

■ 2A58AE

■ 194DAE

■ 3B63AE

0741AE

4D6FAE

003DAE

5E7AAE

7085AE

8191AE

929CAE

A4A7AE

B5B3AE

C7BEAE

Harmonies

Analogous

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



0066AF



2A58AE



7B4496

Triad

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



2A58AE



9A3F1D



006D46

Complementary

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



2A58AE



AE802A

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.



20691A



2A58AE



7E5300

Square

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



2A58AE



A72E45



586100



006F73

Rectangle

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



2A58AE



95357E



586100



006C38

Sweetspot

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



2A58AE



AFC1E3



2AAE80



535E73



F2F2F2



737373

Same Dimension

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



2A58AE



145CE3



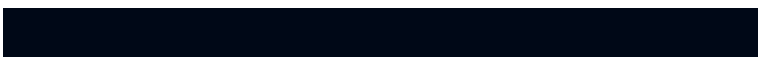
3E2AAE



4E5157



003496



000817

Inverse Universe

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



AE2A58



E3145C



9AAE2A



574E51



960034



170008

Previews

White Background



This preview shows how the Hex color 2A58AE looks on a white background.

Color Contrast Check

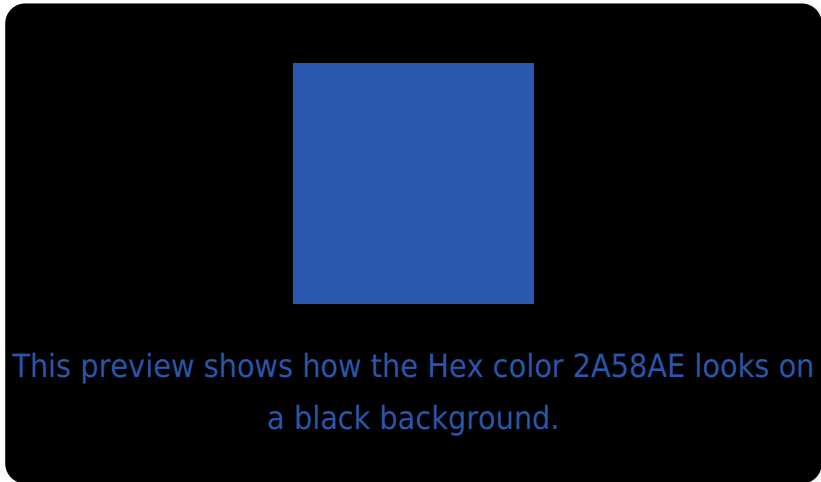
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A58AE Background



This preview shows how black text looks on a background with the Hex color 2A58AE.




This preview shows how white text looks on a background with the Hex color 2A58AE.

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](#).

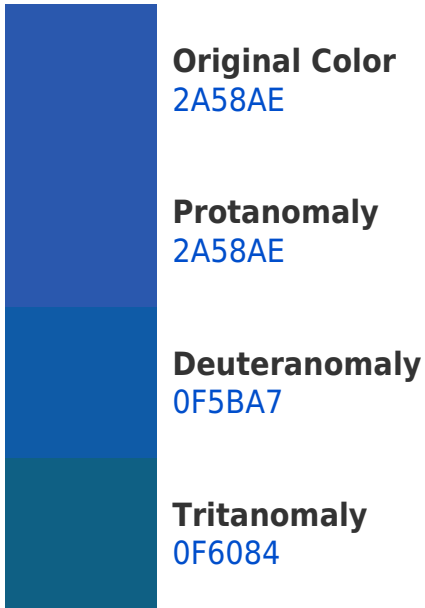
Dichromacy





Tritanopia
00656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A58AE 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 #2A58AE looks like.

```
.text, #text, p{  
    color:#2A58AE  
}
```

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 #2A58AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A58AE
}
```

Border

The CSS property to change the border of an element to Hex 2A58AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

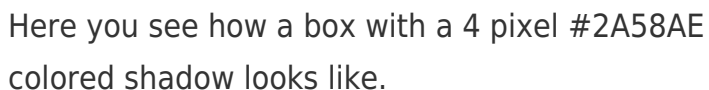
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A58AE }
```

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

```
.border{ border-color:#2A58AE }
```

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



Here you see how a box with a 4 pixel #2A58AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A58AE; -webkit-box-shadow:4px 4px  
4px 4px #2A58AE; box-shadow:4px 4px 4px  
4px #2A58AE }
```

Background

The CSS property to change the background color of an element to Hex 2A58AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A58AE }
```

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

```
.background{ background-color:#2A58AE }
```

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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