

Converting Colors

Hex(2B58B9)

Have a look what the booklet for
Hex(2B58B9) contains.

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Color

Hex(2B58B9)

Conversions

Conversions Part 1

Format	Color
Hex	2B58B9
RGB	43, 88, 185
RGB Percent	17%, 35%, 73%
CMY	0.8314, 0.6549, 0.2745
CMYK	0.77, 0.52, 0.00, 0.27
HSL	221°, 62%, 45%
HSV	221°, 77%, 73%
XYZ	13.2429, 10.9958, 47.3234
YIQ	85.6030, -57.9570, 20.6270

Conversions

Conversions Part 2

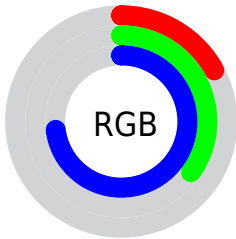
Format	Color
R_{YB}	43, 77, 185
Decimal	2840761
CIE _{Lab}	39.57, 19.67, -55.68
CIE _{LCh}	40, 59.052, 289.456
Yxy	10.9958, 0.1851, 0.1537
Android (android.graphics.Color)	4281030841 (0xFF2B58B9)
YUV	85.6030, 49.0027, -37.3628
Hunter-Lab	33.1599, 13.2568, -61.4022

Details

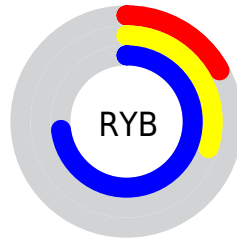
The Hex color **2B58B9** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B98C2B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6D89F2**, and **002C83** is the 20% darker color. If you saturate the color by 10%, you get **184BB9**, and if you desaturate by 10%, it is **3D65B9**.

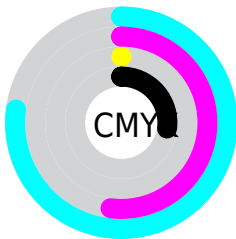
Distribution



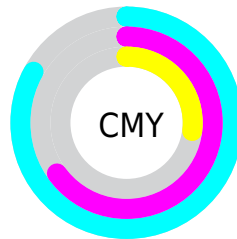
- Red (17%)
- Green (35%)
- Blue (73%)



- Red (17%)
- Yellow (30%)
- Blue (73%)



- Cyan (77%)
- Magenta (52%)
- Yellow (0%)
- Black (27%)



- Cyan (83%)
- Magenta (65%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B58B9 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 2B58B9 by changing the saturation by 10% instead.

 2B58B9

 2B58B9

FFFFFF

 00419E

 6D89F2

 002C83

 8BA3FF

 001969

 A9BEFF

 000050

 C6DAFF

 000538

 E4F6FF

 000222

 000008

 000000

 2B58B9

 2B58B9

■ 184BB9

■ 3D65B9

■ 063FB9

■ 5071B9

■ 003BB9

■ 637EB9

■ 758BB9

■ 8897B9

■ 9AA4B9

■ ADB0B9

■ BFBDB9

■ D2CAB9

Harmonies

Analogous

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



0068BD



2B58B9



853F9D

Triad

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



2B58B9



A03E11



00714A

Complementary

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



2B58B9



B98C2B

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.



006D16



2B58B9



7F5500

Square

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



2B58B9



B02640



546400



00727C

Rectangle

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



2B58B9



A12D80



546400



007039

Sweetspot

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



2B58B9



B9CAF0



2BB98A



566178



F7F7F7



787878

Same Dimension

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



2B58B9



1359F0



432BB9



53565C



00319C



00091C

Inverse Universe

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



B92B58



F01359



A1B92B



5C5356



9C0031



1C0009

Previews

White Background



This preview shows how the Hex color 2B58B9 looks on a white background.

Color Contrast Check

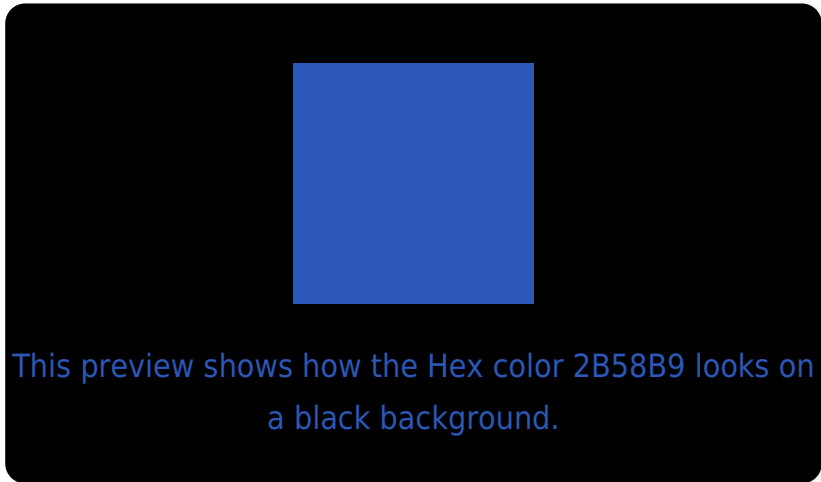
Large Text (above 18pt) WCAG AA ✓ Pass

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

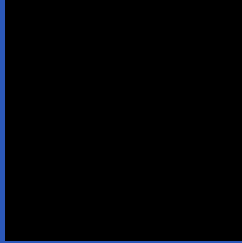
Any Text WCAG AA × Fail

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 2B58B9 Background



This preview shows how black text looks on a background with the Hex color 2B58B9.



This preview shows how white text looks on a background with the Hex color 2B58B9.

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](#).

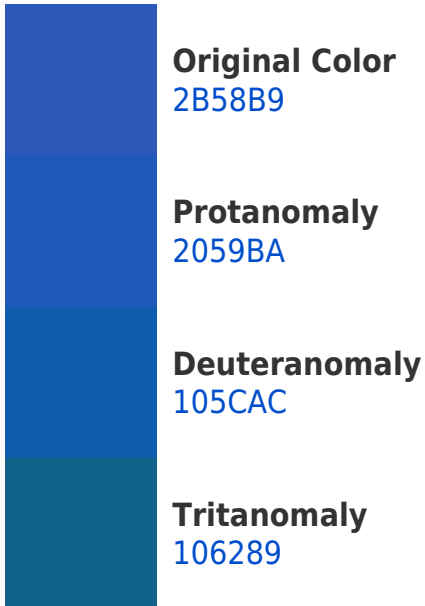
Dichromacy



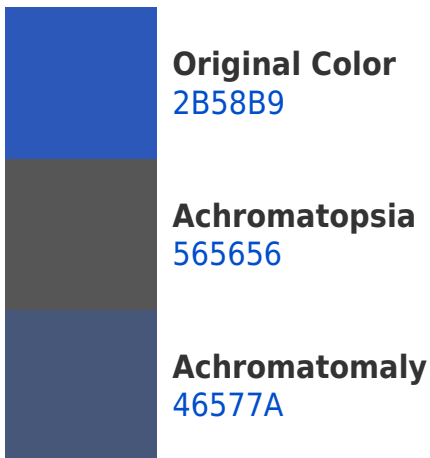


Tritanopia
00676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B58B9 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 #2B58B9 looks like.

```
.text, #text, p{  
    color:#2B58B9  
}
```

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 #2B58B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B58B9
}
```

Border

The CSS property to change the border of an element to Hex 2B58B9 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
#2B58B9 }
```

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

```
.border{ border-color:#2B58B9 }
```

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

Here you see how a box with a 4 pixel #2B58B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B58B9; -webkit-box-shadow:4px 4px  
4px 4px #2B58B9; box-shadow:4px 4px 4px  
4px #2B58B9 }
```

Background

The CSS property to change the background color of an element to Hex 2B58B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B58B9 }
```

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

```
.background{ background-color:#2B58B9 }
```

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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