

Converting Colors

Hex(2C4598)

Have a look what the booklet for
Hex(2C4598) contains.

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Color

Hex(2C4598)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2C4598 |
| RGB | 44, 69, 152 |
| RGB Percent | 17%, 27%, 60% |
| CMY | 0.8275, 0.7294, 0.4039 |
| CMYK | 0.71, 0.55, 0.00, 0.40 |
| HSL | 226°, 55%, 38% |
| HSV | 226°, 71%, 60% |
| XYZ | 8.8343, 7.0587, 30.6026 |
| YIQ | 70.9870, -41.5430, 20.5130 |

Conversions

Conversions Part 2

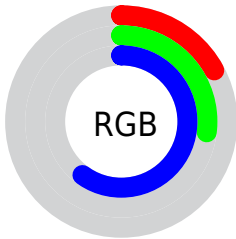
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 44, 64, 152 |
| Decimal | 2901400 |
| CIE _{Lab} | 31.94, 19.85, -48.35 |
| CIE _{LCh} | 32, 52.268, 292.321 |
| Yxy | 7.0587, 0.1900, 0.1518 |
| Android (android.graphics.Color) | 4281091480 (0xFF2C4598) |
| YUV | 70.9870, 39.9394, -23.6676 |
| Hunter-Lab | 26.5682, 12.8594, -49.6954 |

Details

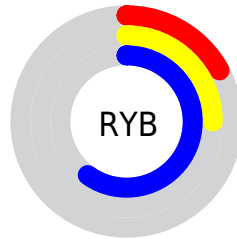
The Hex color **2C4598** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **987F2C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6775CF**, and **001B64** is the 20% darker color. If you saturate the color by 10%, you get **1D3998**, and if you desaturate by 10%, it is **3B5198**.

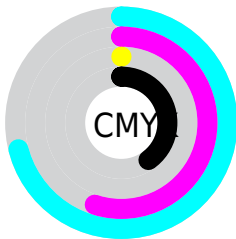
Distribution



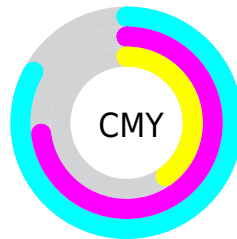
- Red (17%)
- Green (27%)
- Blue (60%)



- Red (17%)
- Yellow (25%)
- Blue (60%)



- Cyan (71%)
- Magenta (55%)
- Yellow (0%)
- Black (40%)



- Cyan (83%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4598 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 2C4598 by changing the saturation by 10% instead.

■ 2C4598

■ 2C4598

FFFFFF

■ 002F7E

■ 6775CF

■ 001B64

■ 848EEC

■ 00014C

■ A0A9FF

■ 000434

■ BDC4FF

■ 00021E

■ DAE0FF

■ 000000

■ F7FCFF

■ 2C4598

■ 2C4598

■ 1D3998

■ 3B5198

■ 0E2E98

■ 4A5C98

■ 002398

■ 5A6898

■ 697498

■ 787F98

■ 878B98

■ 969798

■ A6A298

■ B5AE98

Harmonies

Analogous

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



00539D



2C4598



712F7E

Triad

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



2C4598



813305



005C3F

Complementary

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



2C4598



987F2C

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.



005912



2C4598



654600

Square

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



2C4598



911C2F



3F5200



005D69

Rectangle

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



2C4598



871F65



3F5200



005B30

Sweetspot

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



2C4598



9BA5C4



2C987F



4B5063



E3E3E3



636363

Same Dimension

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



2C4598



1D44C4



492C98



45474D



00208C



00030D

Inverse Universe

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



982C45



C41D44



7B982C



4D4547



8C0020



0D0003

Previews

White Background



This preview shows how the Hex color 2C4598 looks on a white background.

Color Contrast Check

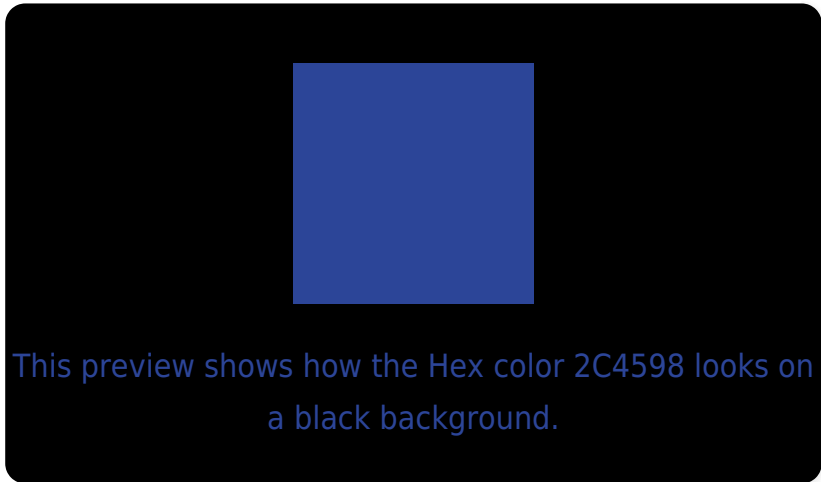
Large Text (above 18pt) WCAG AA ✓ Pass

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

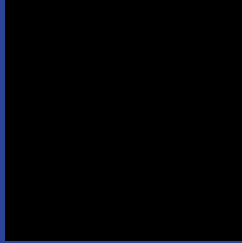
Any Text WCAG AA × Fail

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 2C4598 Background



This preview shows how black text looks on a background with the Hex color 2C4598.

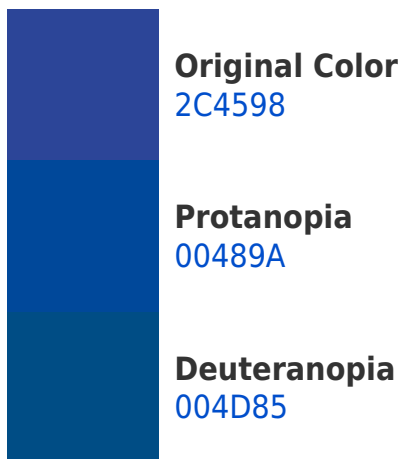


This preview shows how white text looks on a background with the Hex color 2C4598.

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



Original Color
2C4598

Protanomaly
104799

Deuteranomaly
104A8C

Tritanomaly
104E70

Monochromacy



Original Color
2C4598

Achromatopsia
474747

Achromatomaly
3D4664

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4598 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 #2C4598 looks like.

```
.text, #text, p{  
    color:#2C4598  
}
```

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 #2C4598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4598
}
```

Border

The CSS property to change the border of an element to Hex 2C4598 is called "border". The border property can be set on classes, ids or directly on the HTML element.

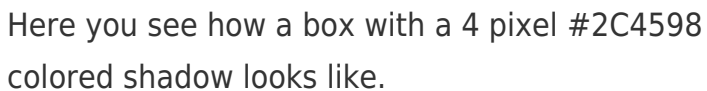
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C4598 }
```

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

```
.border{ border-color:#2C4598 }
```

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



Here you see how a box with a 4 pixel #2C4598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4598; -webkit-box-shadow:4px 4px  
4px 4px #2C4598; box-shadow:4px 4px 4px  
4px #2C4598 }
```

Background

The CSS property to change the background color of an element to Hex 2C4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4598 }
```

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

```
.background{ background-color:#2C4598 }
```

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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