

Converting Colors

Hex(2C4791)

Have a look what the booklet for
Hex(2C4791) contains.

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Color

Hex(2C4791)

Conversions

Conversions Part 1

Format	Color
Hex	2C4791
RGB	44, 71, 145
RGB Percent	17%, 28%, 57%
CMY	0.8275, 0.7216, 0.4314
CMYK	0.70, 0.51, 0.00, 0.43
HSL	224°, 53%, 37%
HSV	224°, 70%, 57%
XYZ	8.4028, 7.0863, 27.7130
YIQ	71.3630, -39.8460, 17.2900

Conversions

Conversions Part 2

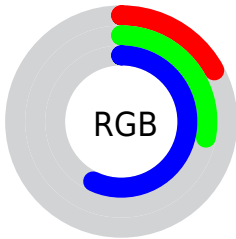
Format	Color
R_{YB}	44, 65, 145
Decimal	2901905
CIE _{Lab}	32.00, 15.83, -43.98
CIE _{LCh}	32, 46.747, 289.797
Yxy	7.0863, 0.1945, 0.1640
Android (android.graphics.Color)	4281091985 (0xFF2C4791)
YUV	71.3630, 36.3030, -23.9974
Hunter-Lab	26.6201, 9.7594, -43.0901

Details

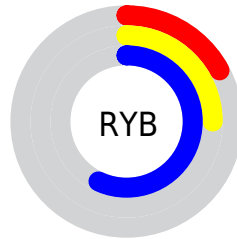
The Hex color **2C4791** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **91762C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6677C7**, and **001D5E** is the 20% darker color. If you saturate the color by 10%, you get **1E3C91**, and if you desaturate by 10%, it is **3B5291**.

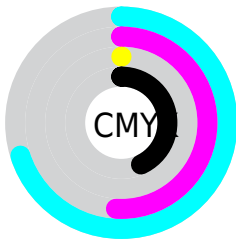
Distribution



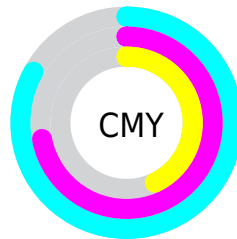
- Red (17%)
- Green (28%)
- Blue (57%)



- Red (17%)
- Yellow (25%)
- Blue (57%)



- Cyan (70%)
- Magenta (51%)
- Yellow (0%)
- Black (43%)



- Cyan (83%)
- Magenta (72%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4791 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 2C4791 by changing the saturation by 10% instead.

■ 2C4791

■ 2C4791

FFFFFF

■ 003177

■ 6677C7

■ 001D5E

■ 8290E4

■ 000246

■ 9EABFF

■ 00042E

■ BAC6FF

■ 000119

■ D7E2FF

■ 000000

■ F4FFFF

■ 2C4791

■ 2C4791

■ 1E3C91

■ 3B5291

■ 0F3291

■ 495C91

■ 012791

■ 586791

■ 002791

■ 667191

■ 757C91

■ 838791

■ 929191

■ A09C91

■ AFA791

Harmonies

Analogous

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



005394



2C4791



6A357B

Triad

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



2C4791



7F3512



005B3D

Complementary

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



2C4791



91762C

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.



0F5817



2C4791



664500

Square

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



2C4791



8B2535



455100



005C63

Rectangle

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



2C4791



7F2965



455100



005A30

Sweetspot

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



2C4791



95A0BD



2C9174



474D5E



DEDEDE



5E5E5E

Same Dimension

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



2C4791



1E49BD



422C91



404247



002487



000208

Inverse Universe

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



912C47



BD1E49



7B912C



474042



870024



080002

Previews

White Background



This preview shows how the Hex color 2C4791 looks on a white background.

Color Contrast Check

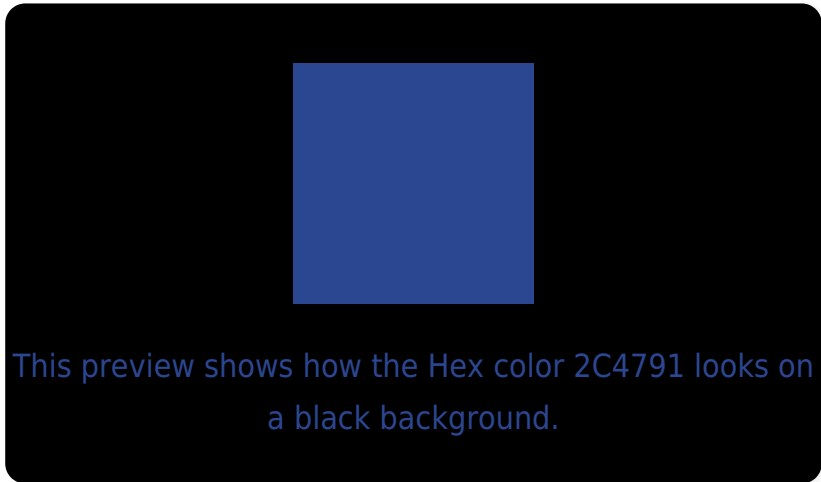
Large Text (above 18pt) WCAG AA ✓ Pass

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

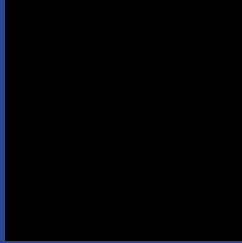
Any Text WCAG AA × Fail

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 2C4791 Background



This preview shows how black text looks on a background with the Hex color 2C4791.



This preview shows how white text looks on a background with the Hex color 2C4791.

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



Original Color
2C4791

Protanopia
1E4993

Deuteranopia
004D86



Tritanopia
00535A

Trichromacy



Original Color
2C4791

Protanomaly
234892

Deuteranomaly
104B8A

Tritanomaly
104F6E

Monochromacy



Original Color
2C4791

Achromatopsia
474747

Achromatomaly
3D4762

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4791 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 #2C4791 looks like.

```
.text, #text, p{  
    color:#2C4791  
}
```

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 #2C4791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4791
}
```

Border

The CSS property to change the border of an element to Hex 2C4791 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
#2C4791 }
```

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

```
.border{ border-color:#2C4791 }
```

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

Here you see how a box with a 4 pixel #2C4791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4791; -webkit-box-shadow:4px 4px  
4px 4px #2C4791; box-shadow:4px 4px 4px  
4px #2C4791 }
```

Background

The CSS property to change the background color of an element to Hex 2C4791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4791 }
```

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

```
.background{ background-color:#2C4791 }
```

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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