

Converting Colors

Hex(2C5296)

Have a look what the booklet for
Hex(2C5296) contains.

Hex(2C5296)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C5296)

Conversions

Conversions Part 1

Format	Color
Hex	2C5296
RGB	44, 82, 150
RGB Percent	17%, 32%, 59%
CMY	0.8275, 0.6784, 0.4118
CMYK	0.71, 0.45, 0.00, 0.41
HSL	218°, 55%, 38%
HSV	218°, 71%, 59%
XYZ	9.5610, 8.7721, 30.0434
YIQ	78.3900, -44.4760, 13.0920

Conversions

Conversions Part 2

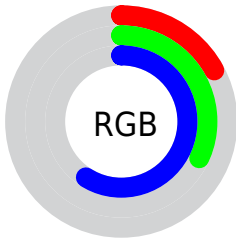
Format	Color
RYB	44, 72, 150
Decimal	2904726
CIELab	35.54, 10.37, -41.34
CIELCh	36, 42.622, 284.088
Yxy	8.7721, 0.1976, 0.1813
Android (android.graphics.Color)	4281094806 (0xFF2C5296)
YUV	78.3900, 35.3037, -30.1600
Hunter-Lab	29.6177, 5.7915, -39.4099

Details

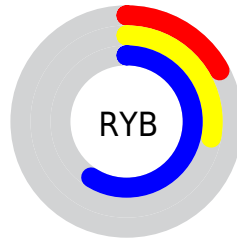
The Hex color **2C5296** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **96702C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6683CD**, and **002662** is the 20% darker color. If you saturate the color by 10%, you get **1D4896**, and if you desaturate by 10%, it is **3B5C96**.

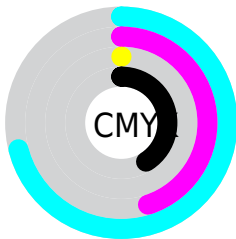
Distribution



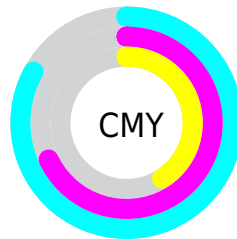
- Red (17%)
- Green (32%)
- Blue (59%)



- Red (17%)
- Yellow (28%)
- Blue (59%)



- Cyan (71%)
- Magenta (45%)
- Yellow (0%)
- Black (41%)



- Cyan (83%)
- Magenta (68%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5296 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 2C5296 by changing the saturation by 10% instead.

■ 2C5296

■ 2C5296

FFFFFF

■ 003B7C

■ 6683CD

■ 002662

■ 829DE9

■ 00124A

■ 9FB8FF

■ 000433

■ BBD3FF

■ 00021D

■ D8EFFF

■ 000000

■ F6FFFF

■ 2C5296

■ 2C5296

■ 1D4896

■ 3B5C96

■ 0E3F96

■ 4A6596

■ 003696

■ 596F96

■ 687896

■ 778296

■ 868C96

■ 959596

■ A49F96

■ B3A996

Harmonies

Analogous

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



005C95



2C5296



6A4385

Triad

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



2C5296



893D25



006240

Complementary

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



2C5296



96702C

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.



2E5E1F



2C5296



734B0B

Square

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



2C5296



913245



565705



006463

Rectangle

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



2C5296



803972



565705



006134

Sweetspot

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



2C5296



99A8C2



2C966F



495161



E0E0E0



616161

Same Dimension

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



2C5296



1D58C2



3A2C96



43454A



00318A



00040A

Inverse Universe

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



962C52



C21D58



88962C



4A4345



8A0031



0A0004

Previews

White Background



This preview shows how the Hex color 2C5296 looks on a white background.

Color Contrast Check

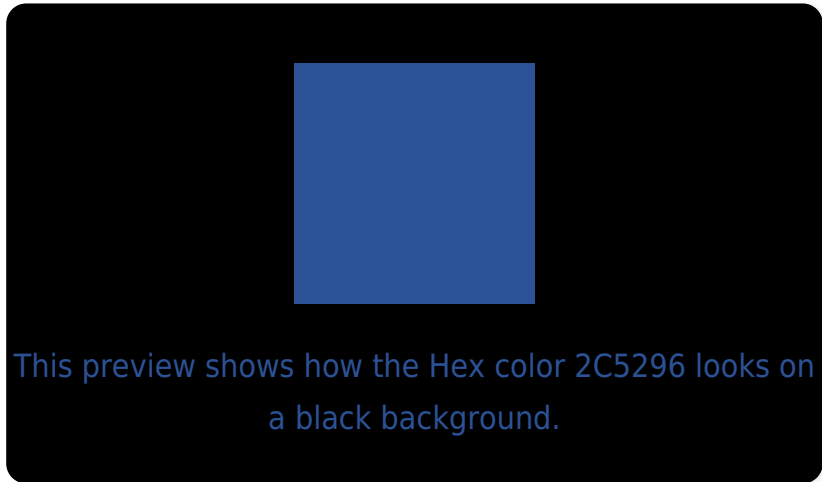
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C5296 Background



This preview shows how black text looks on a background with the Hex color 2C5296.



This preview shows how white text looks on a background with the Hex color 2C5296.

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
005D64

Trichromacy



Original Color
2C5296

Protanomaly
305195

Deuteranomaly
1B5495

Tritanomaly
105976

Monochromacy



Original Color
2C5296

Achromatopsia
4E4E4E

Achromatomaly
424F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5296 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 #2C5296 looks like.

```
.text, #text, p{  
    color:#2C5296  
}
```

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 #2C5296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5296
}
```

Border

The CSS property to change the border of an element to Hex 2C5296 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
#2C5296 }
```

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

```
.border{ border-color:#2C5296 }
```

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

Here you see how a box with a 4 pixel #2C5296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5296; -webkit-box-shadow:4px 4px  
4px 4px #2C5296; box-shadow:4px 4px 4px  
4px #2C5296 }
```

Background

The CSS property to change the background color of an element to Hex 2C5296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5296 }
```

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

```
.background{ background-color:#2C5296 }
```

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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