

Converting Colors

Hex(2C3BB7)

Have a look what the booklet for
Hex(2C3BB7) contains.

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Color

Hex(2C3BB7)

Conversions

Conversions Part 1

Format	Color
Hex	2C3BB7
RGB	44, 59, 183
RGB Percent	17%, 23%, 72%
CMY	0.8275, 0.7686, 0.2824
CMYK	0.76, 0.68, 0.00, 0.28
HSL	234°, 61%, 45%
HSV	234°, 76%, 72%
XYZ	11.1499, 7.0823, 45.5791
YIQ	68.6510, -48.7440, 35.3840

Conversions

Conversions Part 2

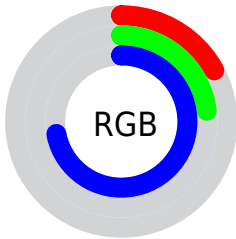
Format	Color
R_{YB}	44, 58, 183
Decimal	2898871
CIE _{Lab}	31.99, 37.90, -66.86
CIE _{LCh}	32, 76.856, 299.543
Yxy	7.0823, 0.1747, 0.1110
Android (android.graphics.Color)	4281088951 (0xFF2C3BB7)
YUV	68.6510, 56.3741, -21.6189
Hunter-Lab	26.6126, 28.2144, -82.9165

Details

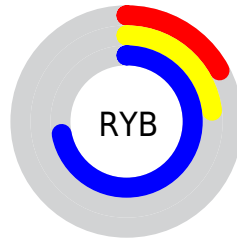
The Hex color **2C3BB7** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B7A82C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6F6BF0**, and **001181** is the 20% darker color. If you saturate the color by 10%, you get **1A2BB7**, and if you desaturate by 10%, it is **3E4BB7**.

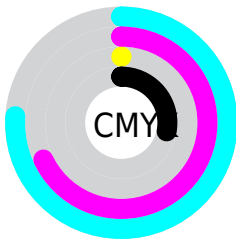
Distribution



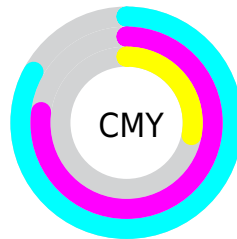
- Red (17%)
- Green (23%)
- Blue (72%)



- Red (17%)
- Yellow (23%)
- Blue (72%)



- Cyan (76%)
- Magenta (68%)
- Yellow (0%)
- Black (28%)



- Cyan (83%)
- Magenta (77%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3BB7 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 2C3BB7 by changing the saturation by 10% instead.

■ 2C3BB7

■ 2C3BB7

FFFFFF

■ 00259B

■ 6F6BF0

■ 001181

■ 8E84FF

■ 000067

■ AB9EFF

■ 00074E

■ C9B9FF

■ 000536

■ E7D5FF

■ 000220

■ FFF1FF

■ 000003

■ 000000

■ 2C3BB7

■ 2C3BB7

■ 1A2BB7

■ 3E4BB7

■ 071AB7

■ 515CB7

■ 0014B7

■ 636CB7

■ 757CB7

■ 888DB7

■ 9A9DB7

■ ACADB7

■ BEBEB7

■ D1CEB7

Harmonies

Analogous

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



0055C7



2C3BB7



8E008A

Triad

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



2C3BB7



8B2A00



006149

Complementary

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



2C3BB7



B7A82C

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.



005E00



2C3BB7



5E4900

Square

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



2C3BB7



A80014



195800



006286

Rectangle

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



2C3BB7



A70063



195800



006033

Sweetspot

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



2C3BB7



B7BCED



2CB7A7



565A78



F7F7F7



787878

Same Dimension

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



2C3BB7



152DED



612CB7



53545C



00119C



00031C

Inverse Universe

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



B72C3B



ED152D



82B72C



5C5354



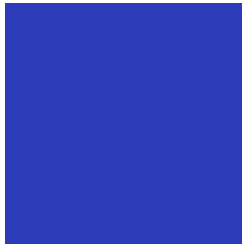
9C0011



1C0003

Previews

White Background



This preview shows how the Hex color 2C3BB7 looks on a white background.

Color Contrast Check

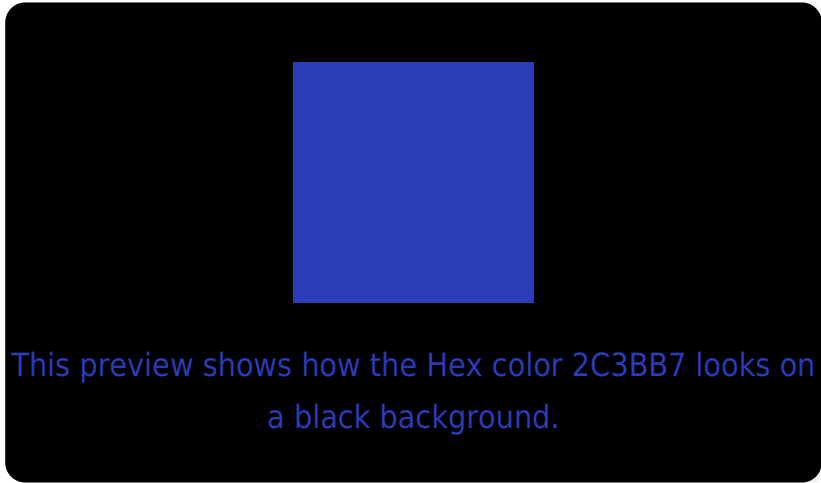
Large Text (above 18pt) WCAG AA ✓ Pass

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

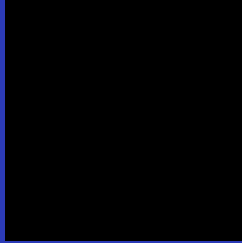
Any Text WCAG AA × Fail

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 2C3BB7 Background



This preview shows how black text looks on a background with the Hex color 2C3BB7.

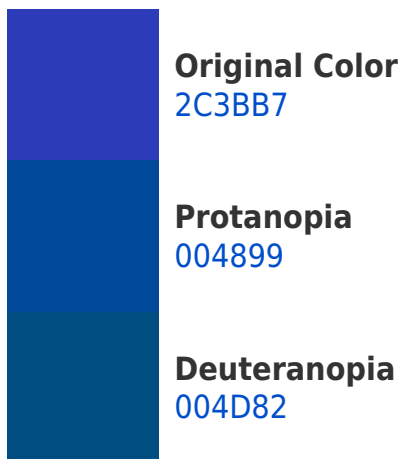


This preview shows how white text looks on a background with the Hex color 2C3BB7.

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
005358

Trichromacy



Original Color
2C3BB7

Protanomaly
1043A4

Deuteranomaly
104695

Tritanomaly
104A7B

Monochromacy



Original Color
2C3BB7

Achromatopsia
454545

Achromatomaly
3C416E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3BB7 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 #2C3BB7 looks like.

```
.text, #text, p{  
    color:#2C3BB7  
}
```

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 #2C3BB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3BB7
}
```

Border

The CSS property to change the border of an element to Hex 2C3BB7 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
#2C3BB7 }
```

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

```
.border{ border-color:#2C3BB7 }
```

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

Here you see how a box with a 4 pixel #2C3BB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3BB7; -webkit-box-shadow:4px 4px  
4px 4px #2C3BB7; box-shadow:4px 4px 4px  
4px #2C3BB7 }
```

Background

The CSS property to change the background color of an element to Hex 2C3BB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3BB7 }
```

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

```
.background{ background-color:#2C3BB7 }
```

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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