

Converting Colors

Hex(2C8BD3)

Have a look what the booklet for
Hex(2C8BD3) contains.

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Color

Hex(2C8BD3)

Conversions

Conversions Part 1

Format	Color
Hex	2C8BD3
RGB	44, 139, 211
RGB Percent	17%, 55%, 83%
CMY	0.8275, 0.4549, 0.1725
CMYK	0.79, 0.34, 0.00, 0.17
HSL	206°, 65%, 50%
HSV	206°, 79%, 83%
XYZ	22.0292, 23.7039, 65.0423
YIQ	118.8030, -79.7320, 2.2520

Conversions

Conversions Part 2

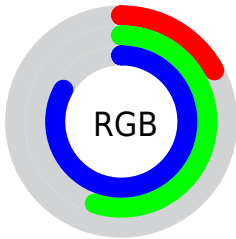
Format	Color
R_{YB}	44, 105, 211
Decimal	2919379
CIE _{Lab}	55.79, -2.31, -44.66
CIE _{LCh}	56, 44.722, 267.040
Yxy	23.7039, 0.1989, 0.2140
Android (android.graphics.Color)	4281109459 (0xFF2C8BD3)
YUV	118.8030, 45.4531, -65.6022
Hunter-Lab	48.6866, -4.4358, -45.1271

Details

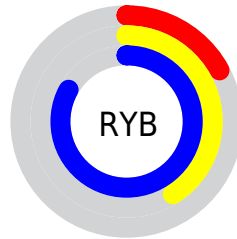
The Hex color **2C8BD3** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark washed azure. A complement of this color would be **D3742C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **73C0FF**, and **005A9C** is the 20% darker color. If you saturate the color by 10%, you get **1782D3**, and if you desaturate by 10%, it is **4194D3**.

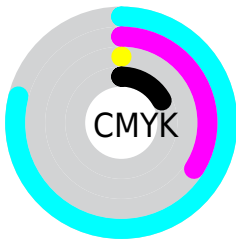
Distribution



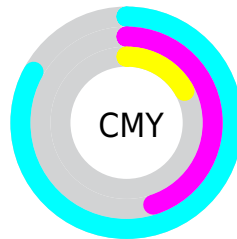
- Red (17%)
- Green (55%)
- Blue (83%)



- Red (17%)
- Yellow (41%)
- Blue (83%)



- Cyan (79%)
- Magenta (34%)
- Yellow (0%)
- Black (17%)



- Cyan (83%)
- Magenta (45%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C8BD3 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 2C8BD3 by changing the saturation by 10% instead.

■ 2C8BD3

■ 2C8BD3

FFFFFF

■ 0072B7

■ 73C0FF

■ 005A9C

■ 92DCFF

■ 004282

■ B0F8FF

■ 002D68

■ CEFFFF

■ 00194F

■ EDFFFF

■ 000538

■ 000222

■ 000007

■ 000000

■ 2C8BD3

■ 2C8BD3

■ 1782D3

■ 4194D3

■ 0279D3

■ 569DD3

■ 0078D3

■ 6BA6D3

■ 80AFD3

■ 96B8D3

■ ABC2D3

■ C0CBD3

■ D5D4D3

■ EADDD3

Harmonies

Analogous

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



0094C6



2C8BD3



827DCB

Triad

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



2C8BD3



CD6765



48955A

Complementary

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



2C8BD3



D3742C

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.



798E3D



2C8BD3



BD7445

Square

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



2C8BD3



CA658B



9F8235



009980

Rectangle

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



2C8BD3



A473BB



9F8235



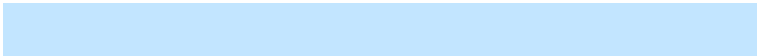
5A934F

Sweetspot

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



2C8BD3



C2E5FF



2CD372



5B7080



000000



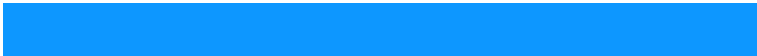
808080

Same Dimension

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



2C8BD3



0D97FF



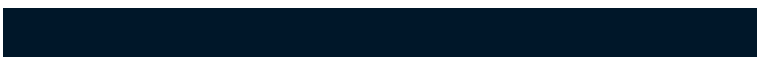
2C3AD3



5E6469



0060A8



001729

Inverse Universe

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



D32C8B



FF0D97



D3C52C



695E64



A80060



290017

Previews

White Background



This preview shows how the Hex color 2C8BD3 looks on a white background.

Color Contrast Check

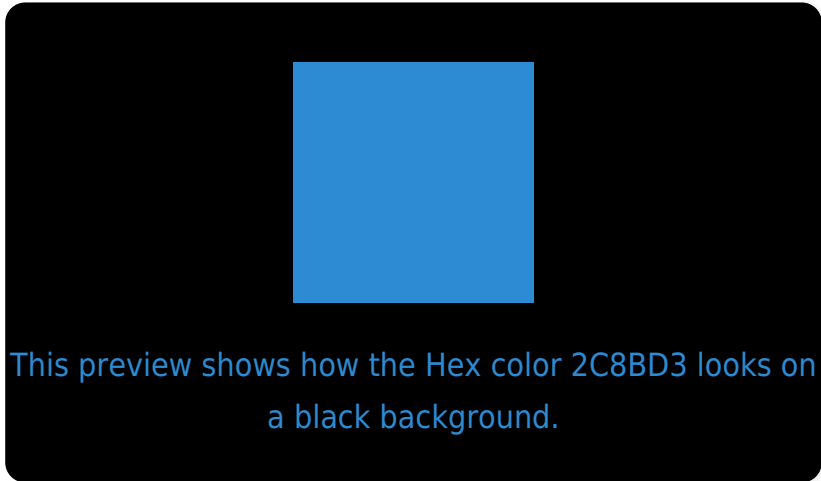
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

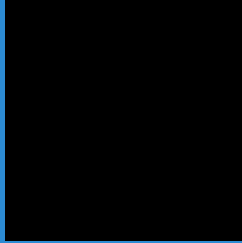
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

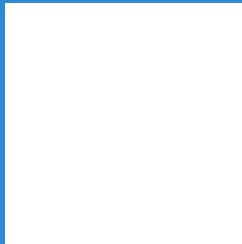
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2C8BD3 Background



This preview shows how black text looks on a background with the Hex color 2C8BD3.

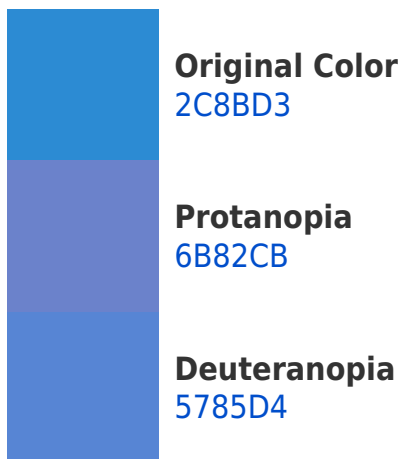


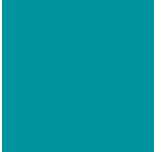
This preview shows how white text looks on a background with the Hex color 2C8BD3.

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](#).

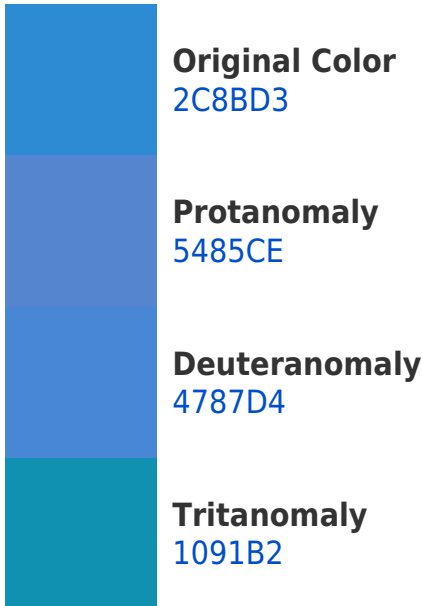
Dichromacy



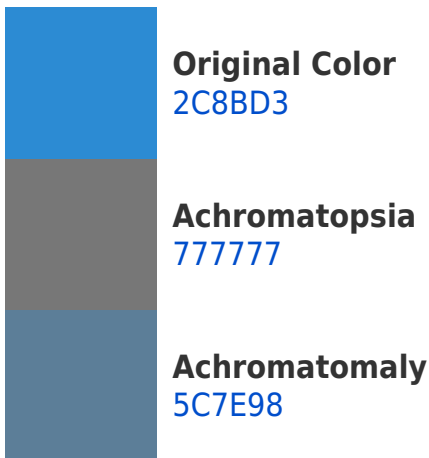


Tritanopia
00949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C8BD3 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 #2C8BD3 looks like.

```
.text, #text, p{  
    color:#2C8BD3  
}
```

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 #2C8BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8BD3
}
```

Border

The CSS property to change the border of an element to Hex 2C8BD3 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
#2C8BD3 }
```

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

```
.border{ border-color:#2C8BD3 }
```

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

Here you see how a box with a 4 pixel #2C8BD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8BD3; -webkit-box-shadow:4px 4px  
4px 4px #2C8BD3; box-shadow:4px 4px 4px  
4px #2C8BD3 }
```

Background

The CSS property to change the background color of an element to Hex 2C8BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8BD3 }
```

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

```
.background{ background-color:#2C8BD3 }
```

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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