

Converting Colors

Hex(2C83D1)

Have a look what the booklet for
Hex(2C83D1) contains.

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Color

Hex(2C83D1)

Conversions

Conversions Part 1

Format	Color
Hex	2C83D1
RGB	44, 131, 209
RGB Percent	17%, 51%, 82%
CMY	0.8275, 0.4863, 0.1804
CMYK	0.79, 0.37, 0.00, 0.18
HSL	208°, 65%, 50%
HSV	208°, 79%, 82%
XYZ	20.6636, 21.3715, 63.3576
YIQ	113.8790, -76.8900, 5.8140

Conversions

Conversions Part 2

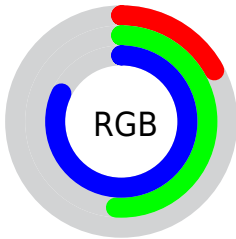
Format	Color
R_{YB}	44, 101, 209
Decimal	2917329
CIE _{Lab}	53.35, 1.71, -47.40
CIE _{LCh}	53, 47.427, 272.067
Yxy	21.3715, 0.1961, 0.2028
Android (android.graphics.Color)	4281107409 (0xFF2C83D1)
YUV	113.8790, 46.8947, -61.2839
Hunter-Lab	46.2293, -1.1153, -48.8968




Details

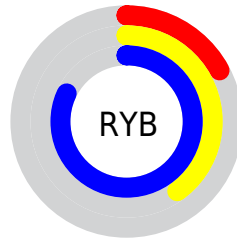
The Hex color **2C83D1** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D17A2C**, and the grayscale version is **717171**.




A 20% lighter version of the original color is **72B8FF**, and **00529A** is the 20% darker color. If you saturate the color by 10%, you get **1779D1**, and if you desaturate by 10%, it is **418DD1**.

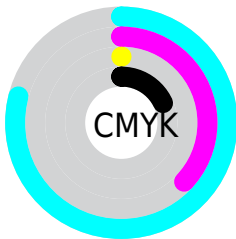
Distribution







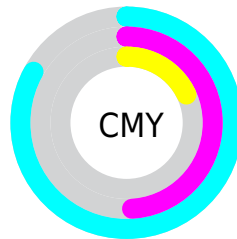
-  Red (17%)
-  Green (51%)
-  Blue (82%)






-  Red (17%)
-  Yellow (40%)
-  Blue (82%)



-  Cyan (79%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (83%)
-  Magenta (49%)
-  Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C83D1 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 2C83D1 by changing the saturation by 10% instead.

■ 2C83D1

■ 2C83D1

FFFFFF

■ 006AB5

■ 72B8FF

■ 00529A

■ 91D3FF

■ 003C80

■ AFEFFF

■ 002766

■ CDFFFF

■ 00124E

■ ECFFFF

■ 000536

■ 000220

■ 000004

■ 000000

■ 2C83D1

■ 2C83D1

■ 1779D1

■ 418DD1

■ 026FD1

■ 5697D1

■ 006ED1

■ 6BA1D1

■ 80ABD1

■ 95B4D1

■ A9BED1

■ BEC8D1

■ D3D2D1

■ E8DCD1

Harmonies

Analogous

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



008EC7



2C83D1



8574C5

Triad

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



2C83D1



C86156



2E9057

Complementary

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



2C83D1



D17A2C

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.



6A8A36



2C83D1



B46F37

Square

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



2C83D1



C95B7E



937E28



009381

Rectangle

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



2C83D1



A768B2



937E28



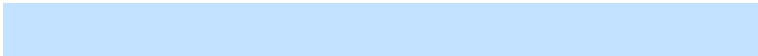
468F4B

Sweetspot

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



2C83D1



C2E2FF



2CD179



5B6E80



000000



808080

Same Dimension

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



2C83D1



0D8CFF



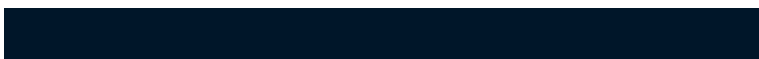
2C32D1



5E6469



0059A8



001629

Inverse Universe

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



D12C83



FF0D8C



D1CC2C



695E64



A80059



290016

Previews

White Background



This preview shows how the Hex color 2C83D1 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



This preview shows how the Hex color 2C83D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

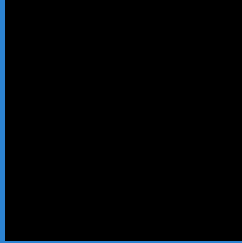
Any Text WCAG AA ✓ Pass

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 2C83D1 Background



This preview shows how black text looks on a background with the Hex color 2C83D1.

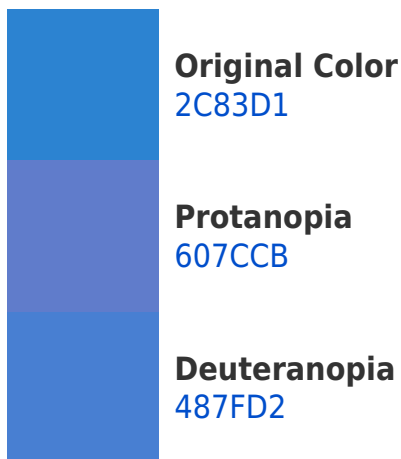


This preview shows how white text looks on a background with the Hex color 2C83D1.

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](#).

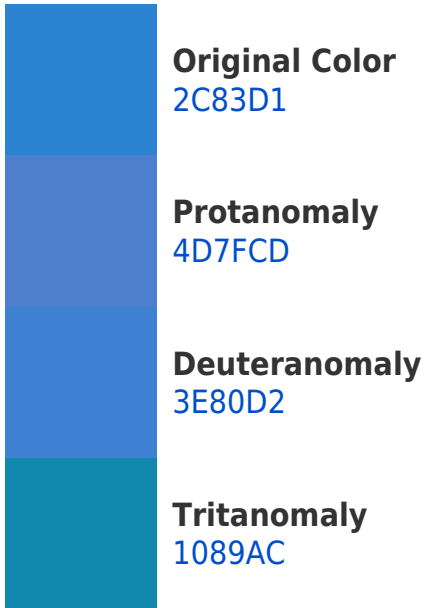
Dichromacy





Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C83D1 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 #2C83D1 looks like.

```
.text, #text, p{  
    color:#2C83D1  
}
```

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 #2C83D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C83D1
}
```

Border

The CSS property to change the border of an element to Hex 2C83D1 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
#2C83D1 }
```

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

```
.border{ border-color:#2C83D1 }
```

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

Here you see how a box with a 4 pixel #2C83D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C83D1; -webkit-box-shadow:4px 4px  
4px 4px #2C83D1; box-shadow:4px 4px 4px  
4px #2C83D1 }
```

Background

The CSS property to change the background color of an element to Hex 2C83D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C83D1 }
```

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

```
.background{ background-color:#2C83D1 }
```

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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