

Converting Colors

Hex(2C6DD3)

Have a look what the booklet for
Hex(2C6DD3) contains.

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Color

Hex(2C6DD3)

Conversions

Conversions Part 1

Format	Color
Hex	2C6DD3
RGB	44, 109, 211
RGB Percent	17%, 43%, 83%
CMY	0.8275, 0.5725, 0.1725
CMYK	0.79, 0.48, 0.00, 0.17
HSL	217°, 65%, 50%
HSV	217°, 79%, 83%
XYZ	18.2652, 16.1759, 63.7876
YIQ	101.1930, -71.4820, 17.9420

Conversions

Conversions Part 2

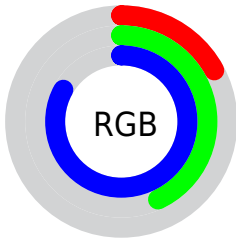
Format	Color
R_{YB}	44, 91, 211
Decimal	2911699
CIE _{Lab}	47.20, 16.10, -58.38
CIE _{LCh}	47, 60.556, 285.421
Yxy	16.1759, 0.1859, 0.1647
Android (android.graphics.Color)	4281101779 (0xFF2C6DD3)
YUV	101.1930, 54.1349, -50.1583
Hunter-Lab	40.2193, 10.6804, -65.8802

Details

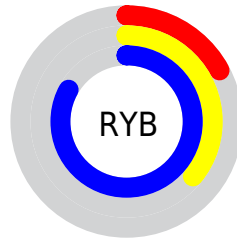
The Hex color **2C6DD3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D3922C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **73A0FF**, and **003F9C** is the 20% darker color. If you saturate the color by 10%, you get **1760D3**, and if you desaturate by 10%, it is **417AD3**.

Distribution



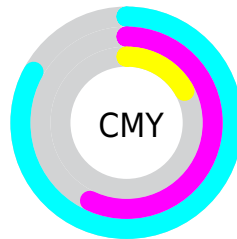
- Red (17%)
- Green (43%)
- Blue (83%)



- Red (17%)
- Yellow (36%)
- Blue (83%)



- Cyan (79%)
- Magenta (48%)
- Yellow (0%)
- Black (17%)



- Cyan (83%)
- Magenta (57%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6DD3 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 2C6DD3 by changing the saturation by 10% instead.

■ 2C6DD3

■ 2C6DD3

FFFFFF

■ 0055B7

■ 73A0FF

■ 003F9C

■ 92BBFF

■ 002A81

■ B0D6FF

■ 001767

■ CFF2FF

■ 00074E

■ EDFFFF

■ 000536

■ 000220

■ 000004

■ 000000

■ 2C6DD3

■ 2C6DD3

■ 1760D3

■ 417AD3

■ 0253D3

■ 5687D3

■ 0052D3

■ 6B94D3

■ 80A1D3

■ 96ADD3

■ ABBAD3

■ C0C7D3

■ D5D4D3

■ EAE1D3

Harmonies

Analogous

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



007DD3



2C6DD3



9355B8

Triad

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



2C6DD3



BC4D28



008554

Complementary

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



2C6DD3



D3922C

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.



2F8020



2C6DD3



9B6400

Square

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



2C6DD3



CA3958



6F7600



00878A

Rectangle

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



2C6DD3



B3449B



6F7600



008443

Sweetspot

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



2C6DD3



C2DAFF



2CD390



5B6980



000000



808080

Same Dimension

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



2C6DD3



0D6BFF



3D2CD3



5E6269



0042A8



001029

Inverse Universe

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



D32C6D



FF0D6B



C2D32C



695E62



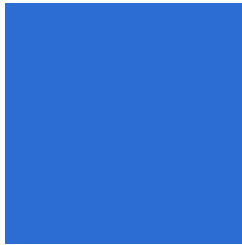
A80042



290010

Previews

White Background



This preview shows how the Hex color 2C6DD3 looks on a white background.

Color Contrast Check

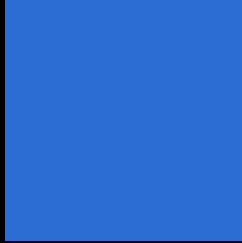
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2C6DD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

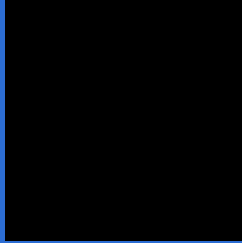
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

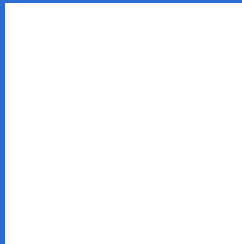
Any Text WCAG AAA × Fail

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

Hex 2C6DD3 Background



This preview shows how black text looks on a background with the Hex color 2C6DD3.

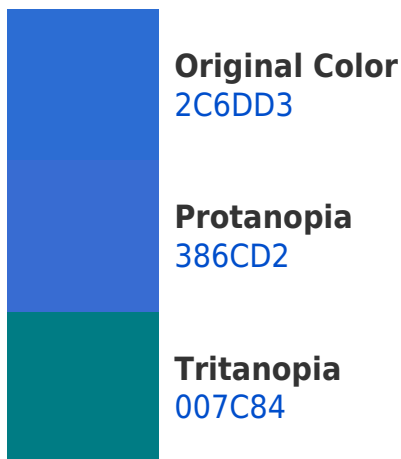


This preview shows how white text looks on a background with the Hex color 2C6DD3.

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



Trichromacy



Original Color
2C6DD3

Protanomaly
346CD2

Tritanomaly
1077A1

Monochromacy



Original Color
2C6DD3

Achromatopsia
656565

Achromatomaly
50688D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6DD3 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 #2C6DD3 looks like.

```
.text, #text, p{  
    color:#2C6DD3  
}
```

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 #2C6DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6DD3  
}
```

Border

The CSS property to change the border of an element to Hex 2C6DD3 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  
#2C6DD3 }
```

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

```
.border{ border-color:#2C6DD3 }
```

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

Here you see how a box with a 4 pixel #2C6DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6DD3; -webkit-box-shadow:4px 4px  
4px 4px #2C6DD3; box-shadow:4px 4px 4px  
4px #2C6DD3 }
```

Background

The CSS property to change the background color of an element to Hex 2C6DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6DD3 }
```

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

```
.background{ background-color:#2C6DD3 }
```

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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