

Converting Colors

Hex(2B6DDC)

Have a look what the booklet for
Hex(2B6DDC) contains.

Hex(2B6DDC)	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(2B6DDC)

Conversions

Conversions Part 1

Format	Color
Hex	2B6DDC
RGB	43, 109, 220
RGB Percent	17%, 43%, 86%
CMY	0.8314, 0.5725, 0.1373
CMYK	0.80, 0.50, 0.00, 0.14
HSL	218°, 72%, 52%
HSV	218°, 80%, 86%
XYZ	19.3832, 16.6182, 69.8962
YIQ	101.9200, -74.9670, 20.5290

Conversions

Conversions Part 2

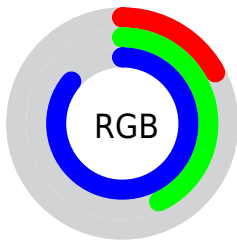
Format	Color
R _Y B	43, 91, 220
Decimal	2846172
CIE Lab	47.78, 19.41, -62.57
CIE LCh	48, 65.513, 287.236
Yxy	16.6182, 0.1830, 0.1569
Android (android.graphics.Color)	4281036252 (0xFF2B6DDC)
YUV	101.9200, 58.2134, -51.6728
Hunter-Lab	40.7654, 13.5339, -73.1226

Details

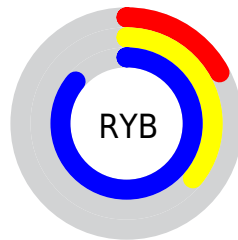
The Hex color **2B6DDC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DC9A2B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **75A0FF**, and **003FA4** is the 20% darker color. If you saturate the color by 10%, you get **155FDC**, and if you desaturate by 10%, it is **417BDC**.

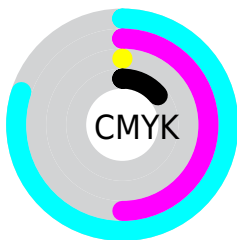
Distribution



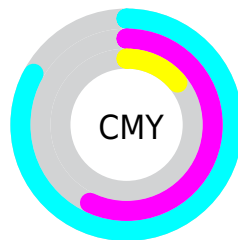
- Red (17%)
- Green (43%)
- Blue (86%)



- Red (17%)
- Yellow (36%)
- Blue (86%)



- Cyan (80%)
- Magenta (50%)
- Yellow (0%)
- Black (14%)



- Cyan (83%)
- Magenta (57%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6DDC 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 2B6DDC by changing the saturation by 10% instead.

 2B6DDC

 2B6DDC

FFFFFF

 0055C0

 75A0FF

 003FA4

 94BBFF

 002A89

 B3D6FF

 00186F

 D1F2FF

 000456

 F0FFFF

 00063E

 000327

 000110

 000000

■ 2B6DDC

■ 2B6DDC

■ 155FDC

■ 417BDC

■ 0052DC

■ 5789DC

■ 6D96DC

■ 83A4DC

■ 99B2DC

■ AFC0DC

■ C5CEDC

■ DBDBDC

■ F1E9DC

Harmonies

Analogous

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



007FDE



2B6DDC



9A52BD

Triad

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



2B6DDC



C14C1F



008857

Complementary

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



2B6DDC



DC9A2B

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.



1E831C



2B6DDC



9D6600

Square

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



2B6DDC



D23354



6B7800



008A91

Rectangle

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



2B6DDC



BC3E9D



6B7800



008744

Sweetspot

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



2B6DDC



C2D9FF



2BDC98



5B6880



000000



808080

Same Dimension

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



2B6DDC



0864FF



402BDC



63676E



0041AD



00112E

Inverse Universe

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



DC2B6D



FF0864



C7DC2B



6E6367



AD0041



2E0011

Previews

White Background



This preview shows how the Hex color 2B6DDC looks on a white background.

Color Contrast Check

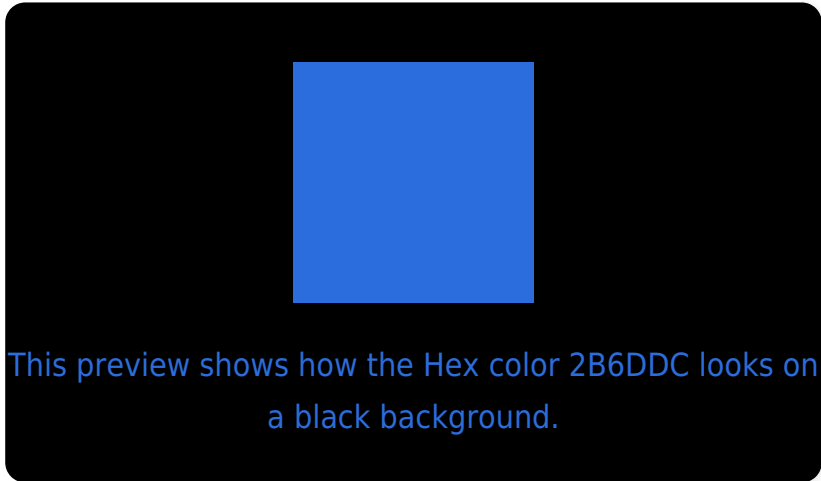
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

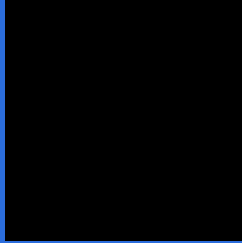
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

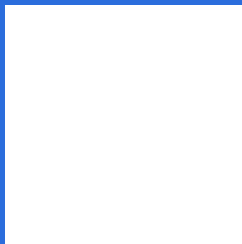
Any Text WCAG AAA × Fail

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

Hex 2B6DDC Background



This preview shows how black text looks on a background with the Hex color 2B6DDC.

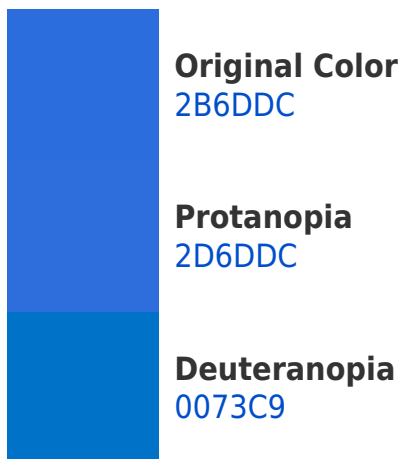


This preview shows how white text looks on a background with the Hex color 2B6DDC.

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](#).

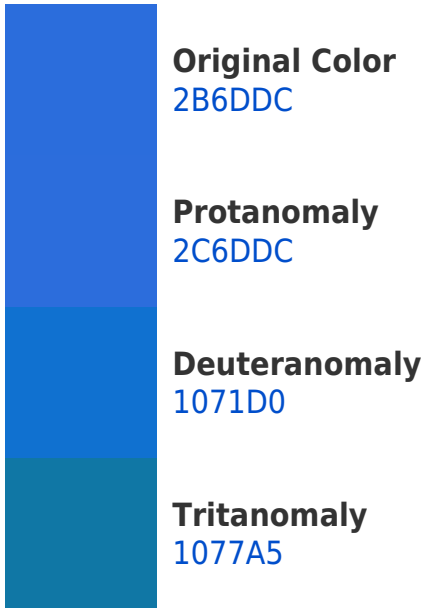
Dichromacy





Tritanopia
007D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6DDC 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 #2B6DDC looks like.

```
.text, #text, p{  
    color:#2B6DDC  
}
```

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 #2B6DDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6DDC
}
```

Border

The CSS property to change the border of an element to Hex 2B6DDC 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
#2B6DDC }
```

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

```
.border{ border-color:#2B6DDC }
```

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

Here you see how a box with a 4 pixel #2B6DDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6DDC; -webkit-box-shadow:4px 4px  
4px 4px #2B6DDC; box-shadow:4px 4px 4px  
4px #2B6DDC }
```

Background

The CSS property to change the background color of an element to Hex 2B6DDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6DDC }
```

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

```
.background{ background-color:#2B6DDC }
```

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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