

Converting Colors

Hex(2A7DDC)

Have a look what the booklet for
Hex(2A7DDC) contains.

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Color

Hex(2A7DDC)

Conversions

Conversions Part 1

Format	Color
Hex	2A7DDC
RGB	42, 125, 220
RGB Percent	16%, 49%, 86%
CMY	0.8353, 0.5098, 0.1373
CMYK	0.81, 0.43, 0.00, 0.14
HSL	212°, 72%, 51%
HSV	212°, 81%, 86%
XYZ	21.2067, 20.3268, 70.5159
YIQ	111.0130, -79.9630, 11.9490

Conversions

Conversions Part 2

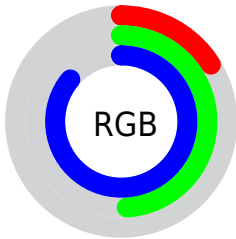
Format	Color
R _Y B	42, 99, 220
Decimal	2784732
CIE Lab	52.20, 9.27, -55.44
CIE LCh	52, 56.213, 279.496
Yxy	20.3268, 0.1893, 0.1814
Android (android.graphics.Color)	4280974812 (0xFF2A7DDC)
YUV	111.0130, 53.7306, -60.5244
Hunter-Lab	45.0852, 5.0619, -61.1733

Details

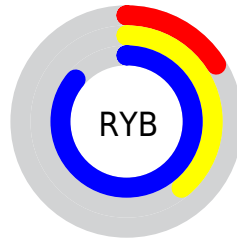
The Hex color **2A7DDC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DC892A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **74B1FF**, and **004DA4** is the 20% darker color. If you saturate the color by 10%, you get **1471DC**, and if you desaturate by 10%, it is **4089DC**.

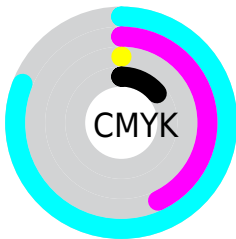
Distribution



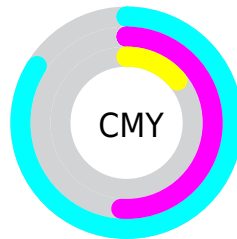
- Red (16%)
- Green (49%)
- Blue (86%)



- Red (16%)
- Yellow (39%)
- Blue (86%)



- Cyan (81%)
- Magenta (43%)
- Yellow (0%)
- Black (14%)



- Cyan (84%)
- Magenta (51%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A7DDC 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 2A7DDC by changing the saturation by 10% instead.

■ 2A7DDC

■ 2A7DDC

FFFFFF

■ 0064C0

■ 74B1FF

■ 004DA4

■ 93CCFF

■ 003789

■ B2E8FF

■ 00236F

■ D0FFFF

■ 000C56

■ EFFFFFF

■ 00063E

■ 000327

■ 000111

■ 000000

■ 2A7DDC

■ 2A7DDC

■ 1471DC

■ 4089DC

■ 0067DC

■ 5694DC

■ 6CA0DC

■ 82ACDC

■ 98B8DC

■ AEC3DC

■ C4CFDC

■ DADBDC

■ F0E7DC

Harmonies

Analogous

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



008BD7



2A7DDC



9269C7

Triad

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



2A7DDC



CB5A41



009159

Complementary

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



2A7DDC



DC892A

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.



528B2B



2A7DDC



AF6E1B

Square

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



2A7DDC



D34D6F



867F09



00938B

Rectangle

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



2A7DDC



B65AAE



867F09



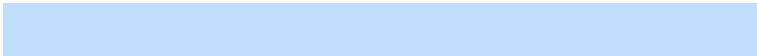
0E8F49

Sweetspot

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



2A7DDC



C2DEFF



2ADC89



5B6C80



000000



808080

Same Dimension

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



2A7DDC



087BFF



302ADC



63686E



0051AD



00152E

Inverse Universe

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



DC2A7D



FF087B



D6DC2A



6E6368



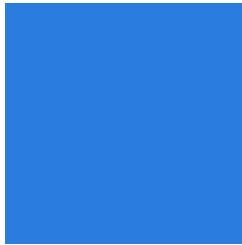
AD0051



2E0015

Previews

White Background



This preview shows how the Hex color 2A7DDC looks on a white background.

Color Contrast Check

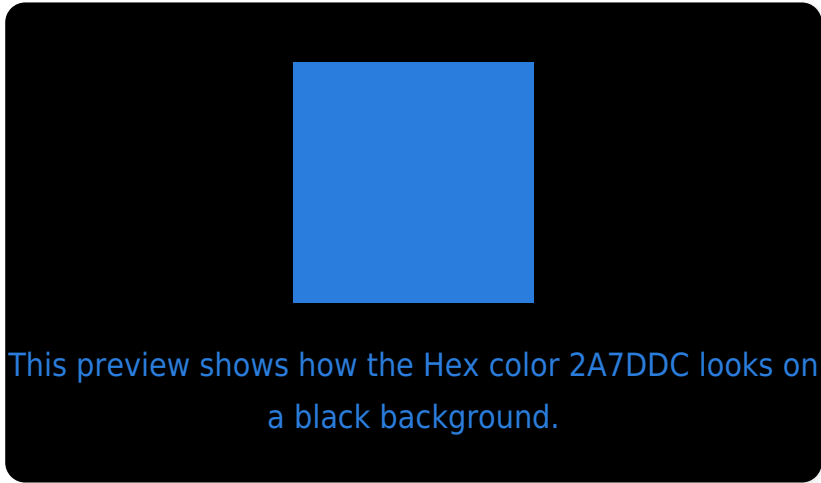
Large Text (above 18pt) WCAG AA ✓ Pass

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

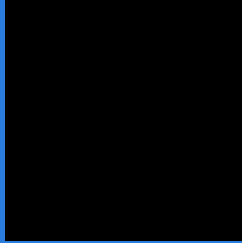
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

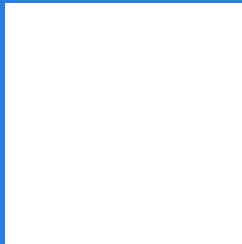
Any Text WCAG AAA × Fail

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

Hex 2A7DDC Background



This preview shows how black text looks on a background with the Hex color 2A7DDC.

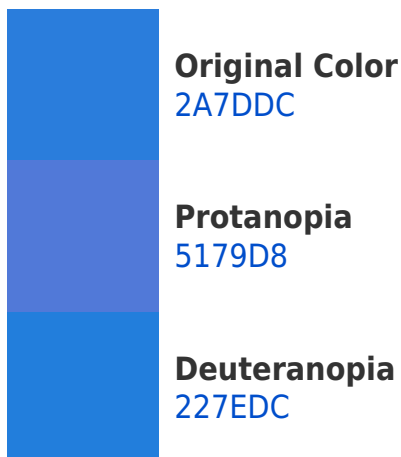


This preview shows how white text looks on a background with the Hex color 2A7DDC.

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](#).

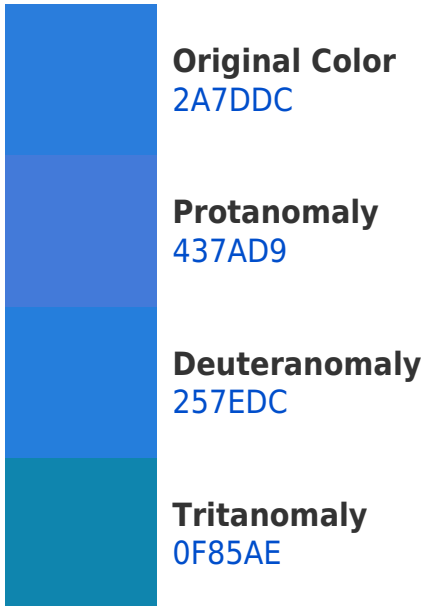
Dichromacy



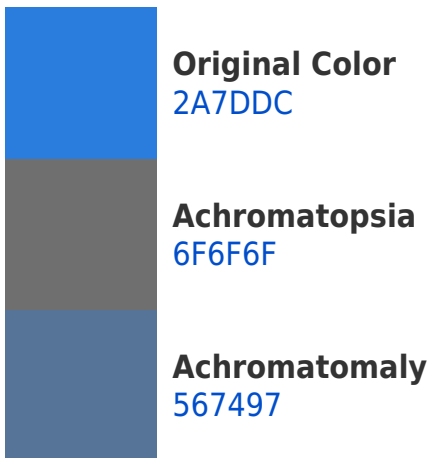


Tritanopia
008A93

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A7DDC 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 #2A7DDC looks like.

```
.text, #text, p{  
    color:#2A7DDC  
}
```

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 #2A7DDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A7DDC
}
```

Border

The CSS property to change the border of an element to Hex 2A7DDC 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
#2A7DDC }
```

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

```
.border{ border-color:#2A7DDC }
```

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

Here you see how a box with a 4 pixel #2A7DDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A7DDC; -webkit-box-shadow:4px 4px  
4px 4px #2A7DDC; box-shadow:4px 4px 4px  
4px #2A7DDC }
```

Background

The CSS property to change the background color of an element to Hex 2A7DDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A7DDC }
```

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

```
.background{ background-color:#2A7DDC }
```

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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