

Converting Colors

Hex(2F7AD0)

Have a look what the booklet for
Hex(2F7AD0) contains.

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Color

Hex(2F7AD0)

Conversions

Conversions Part 1

Format	Color
Hex	2F7AD0
RGB	47, 122, 208
RGB Percent	18%, 48%, 82%
CMY	0.8157, 0.5216, 0.1843
CMYK	0.77, 0.41, 0.00, 0.18
HSL	212°, 63%, 50%
HSV	212°, 77%, 82%
XYZ	19.5170, 19.0775, 62.3282
YIQ	109.3790, -72.3060, 10.8460

Conversions

Conversions Part 2

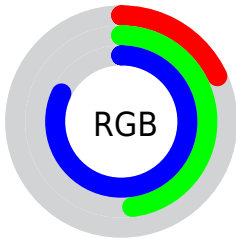
Format	Color
R_{YB}	47, 98, 208
Decimal	3111632
CIE _{Lab}	50.78, 7.15, -50.93
CIE _{LCh}	51, 51.427, 277.988
Yxy	19.0775, 0.1934, 0.1890
Android (android.graphics.Color)	4281301712 (0xFF2F7AD0)
YUV	109.3790, 48.6202, -54.7064
Hunter-Lab	43.6778, 3.3249, -54.0324

Details

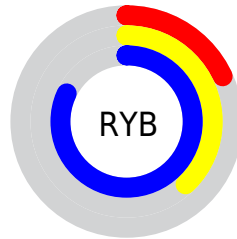
The Hex color **2F7AD0** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D0852F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **74AEFF**, and **004A99** is the 20% darker color. If you saturate the color by 10%, you get **1A6FD0**, and if you desaturate by 10%, it is **4485D0**.

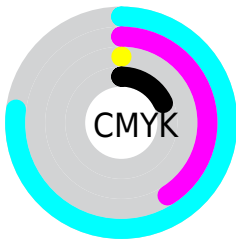
Distribution



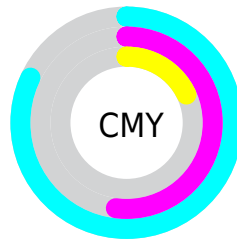
- Red (18%)
- Green (48%)
- Blue (82%)



- Red (18%)
- Yellow (38%)
- Blue (82%)



- Cyan (77%)
- Magenta (41%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (52%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F7AD0 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 2F7AD0 by changing the saturation by 10% instead.

■ 2F7AD0

■ 2F7AD0

FFFFFF

■ 0062B4

■ 74AEFF

■ 004A99

■ 92C9FF

■ 00347F

■ B0E5FF

■ 002065

■ CEFFFF

■ 00074C

■ EDFFFF

■ 000535

■ 00021F

■ 000001

■ 000000

■ 2F7AD0

■ 2F7AD0

■ 1A6FD0

■ 4485D0

■ 0564D0

■ 5990D0

■ 0061D0

■ 6D9BD0

■ 82A6D0

■ 97B2D0

■ ACBDD0

■ C1C8D0

■ D5D3D0

■ EADED0

Harmonies

Analogous

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



0086CA



2F7AD0



8A68BE

Triad

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



2F7AD0



C25945



008C56

Complementary

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



2F7AD0



D0852F

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.



56852F



2F7AD0



AA6B24

Square

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



2F7AD0



C84F6F



857B17



008E84

Rectangle

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



2F7AD0



AB5CA8



857B17



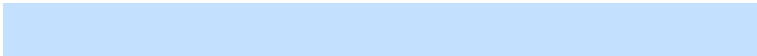
268A48

Sweetspot

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



2F7AD0



C4E0FF



2FD085



5C6C80



000000



808080

Same Dimension

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



2F7AD0



1280FF



342FD0



5E6369



004EA8



001329

Inverse Universe

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



D02F7A



FF1280



CBD02F



695E63



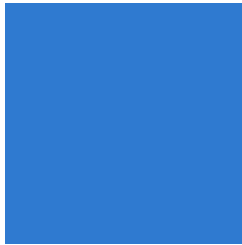
A8004E



290013

Previews

White Background



This preview shows how the Hex color 2F7AD0 looks on a white background.

Color Contrast Check

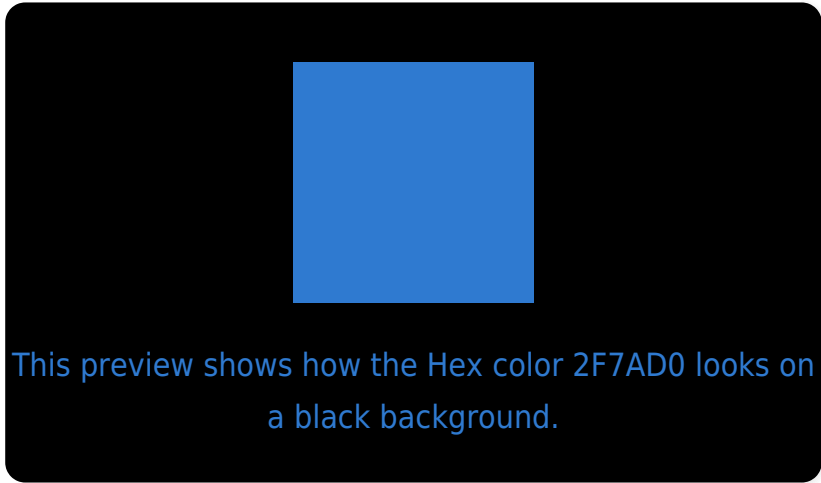
Large Text (above 18pt) WCAG AA ✓ Pass

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

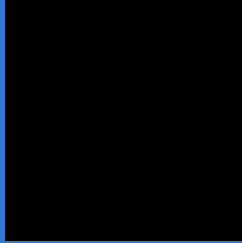
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

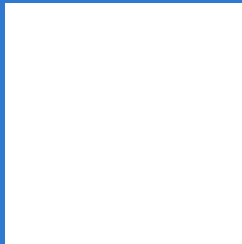
Any Text WCAG AAA × Fail

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

Hex 2F7AD0 Background



This preview shows how black text looks on a background with the Hex color 2F7AD0.

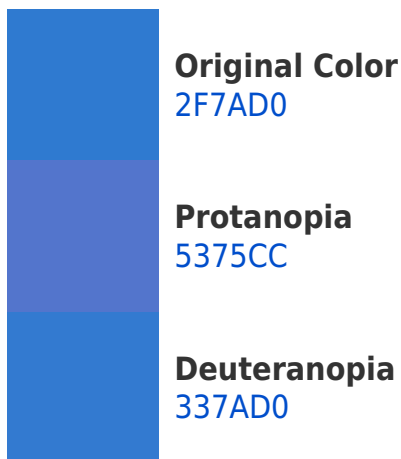


This preview shows how white text looks on a background with the Hex color 2F7AD0.

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](#).

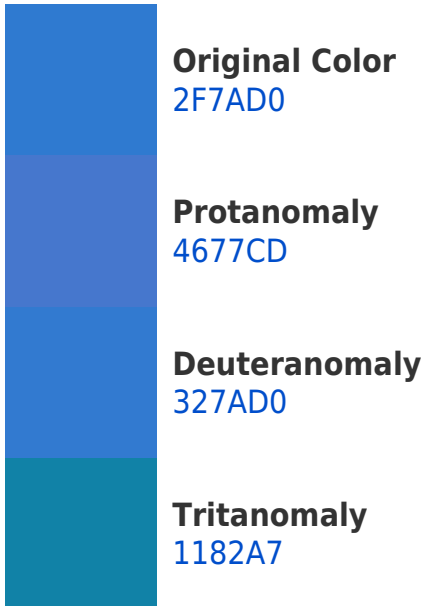
Dichromacy



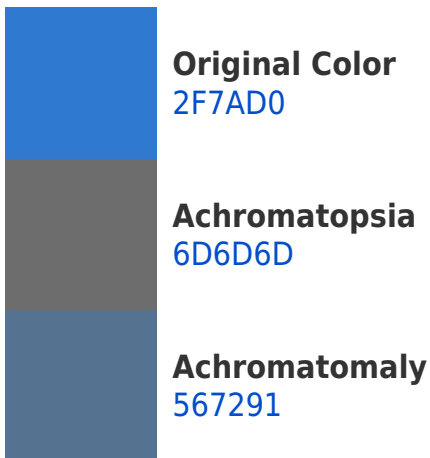


Tritanopia
00868F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7AD0 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 #2F7AD0 looks like.

```
.text, #text, p{  
    color:#2F7AD0  
}
```

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 #2F7AD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7AD0
}
```

Border

The CSS property to change the border of an element to Hex 2F7AD0 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
#2F7AD0 }
```

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

```
.border{ border-color:#2F7AD0 }
```

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

Here you see how a box with a 4 pixel #2F7AD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7AD0; -webkit-box-shadow:4px 4px  
4px 4px #2F7AD0; box-shadow:4px 4px 4px  
4px #2F7AD0 }
```

Background

The CSS property to change the background color of an element to Hex 2F7AD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7AD0 }
```

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

```
.background{ background-color:#2F7AD0 }
```

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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