

Converting Colors

Hex(2A6ADA)

Have a look what the booklet for
Hex(2A6ADA) contains.

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Color

Hex(2A6ADA)

Conversions

Conversions Part 1

Format	Color
Hex	2A6ADA
RGB	42, 106, 218
RGB Percent	16%, 42%, 85%
CMY	0.8353, 0.5843, 0.1451
CMYK	0.81, 0.51, 0.00, 0.15
HSL	218°, 70%, 51%
HSV	218°, 81%, 85%
XYZ	18.7638, 15.8623, 68.4024
YIQ	99.6320, -74.0960, 21.2640

Conversions

Conversions Part 2

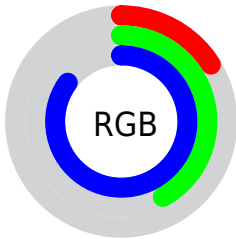
Format	Color
R _Y B	42, 89, 218
Decimal	2779866
CIE Lab	46.79, 20.48, -63.03
CIE LCh	47, 66.269, 287.998
Yxy	15.8623, 0.1821, 0.1540
Android (android.graphics.Color)	4280969946 (0xFF2A6ADA)
YUV	99.6320, 58.3554, -50.5433
Hunter-Lab	39.8275, 14.3980, -73.9495

Details

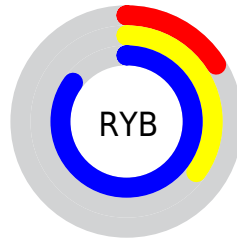
The Hex color **2A6ADA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DA9A2A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **749DFF**, and **003CA2** is the 20% darker color. If you saturate the color by 10%, you get **145CDA**, and if you desaturate by 10%, it is **4078DA**.

Distribution



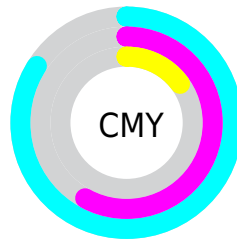
- Red (16%)
- Green (42%)
- Blue (85%)



- Red (16%)
- Yellow (35%)
- Blue (85%)



- Cyan (81%)
- Magenta (51%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (58%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6ADA 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 2A6ADA by changing the saturation by 10% instead.

■ 2A6ADA

■ 2A6ADA

FFFFFF

■ 0052BE

■ 749DFF

■ 003CA2

■ 93B7FF

■ 002887

■ B2D3FF

■ 00166D

■ D0EFFF

■ 000654

■ EFFFFFF

■ 00063C

■ 000225

■ 00010E

■ 000000

■ 2A6ADA

■ 2A6ADA

■ 145CDA

■ 4078DA

■ 004FDA

■ 5686DA

■ 6B94DA

■ 81A1DA

■ 97AFDA

■ ADBDDA

■ C3CBDA

■ D8D9DA

■ EEE7DA

Harmonies

Analogous

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



007CDD



2A6ADA



9A4EBA

Triad

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



2A6ADA



BE4A1A



008656

Complementary

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



2A6ADA



DA9A2A

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.



128119



2A6ADA



996400

Square

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



2A6ADA



CF2E50



677600



008790

Rectangle

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



2A6ADA



BB399A



677600



008542

Sweetspot

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



2A6ADA



C2D8FF



2ADA99



5B6880



000000



808080

Same Dimension

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



2A6ADA



0862FF



412ADA



63676E



003FAD



00112E

Inverse Universe

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



DA2A6A



FF0862



C3DA2A



6E6367



AD003F



2E0011

Previews

White Background



This preview shows how the Hex color 2A6ADA looks on a white background.

Color Contrast Check

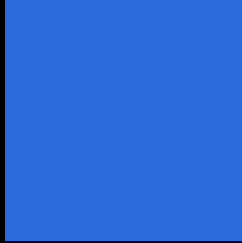
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A6ADA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

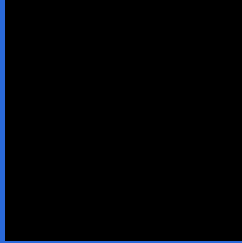
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

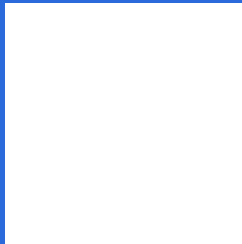
Any Text WCAG AAA × Fail

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

Hex 2A6ADA Background



This preview shows how black text looks on a background with the Hex color 2A6ADA.



This preview shows how white text looks on a background with the Hex color 2A6ADA.

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](#).

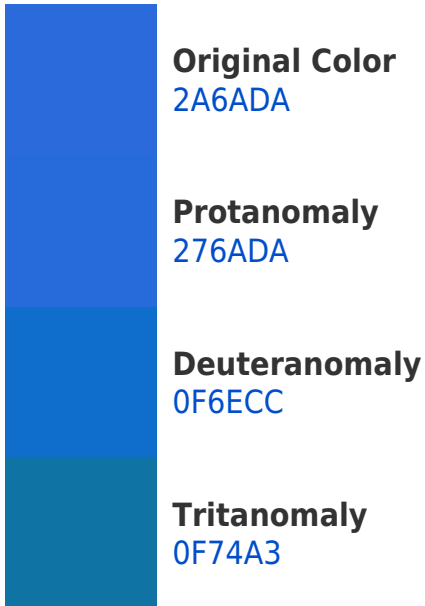
Dichromacy





Tritanopia
007A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6ADA 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 #2A6ADA looks like.

```
.text, #text, p{  
    color:#2A6ADA  
}
```

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 #2A6ADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6ADA
}
```

Border

The CSS property to change the border of an element to Hex 2A6ADA 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
#2A6ADA }
```

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

```
.border{ border-color:#2A6ADA }
```

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

Here you see how a box with a 4 pixel #2A6ADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6ADA; -webkit-box-shadow:4px 4px  
4px 4px #2A6ADA; box-shadow:4px 4px 4px  
4px #2A6ADA }
```

Background

The CSS property to change the background color of an element to Hex 2A6ADA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6ADA }
```

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

```
.background{ background-color:#2A6ADA }
```

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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