

Converting Colors

Hex(2A95DA)

Have a look what the booklet for
Hex(2A95DA) contains.

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Color

Hex(2A95DA)

Conversions

Conversions Part 1

Format	Color
Hex	2A95DA
RGB	42, 149, 218
RGB Percent	16%, 58%, 85%
CMY	0.8353, 0.4157, 0.1451
CMYK	0.81, 0.32, 0.00, 0.15
HSL	204°, 70%, 51%
HSV	204°, 81%, 85%
XYZ	24.3572, 27.0491, 70.2669
YIQ	124.8730, -85.9210, -1.2250

Conversions

Conversions Part 2

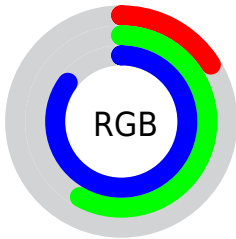
Format	Color
R _Y B	42, 109, 218
Decimal	2790874
CIE Lab	59.02, -5.77, -43.49
CIE LCh	59, 43.870, 262.440
Yxy	27.0491, 0.2002, 0.2223
Android (android.graphics.Color)	4280980954 (0xFF2A95DA)
YUV	124.8730, 45.9116, -72.6796
Hunter-Lab	52.0087, -7.4186, -43.6982

Details

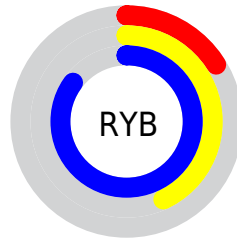
The Hex color **2A95DA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **DA6F2A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **73CBFF**, and **0063A3** is the 20% darker color. If you saturate the color by 10%, you get **148CDA**, and if you desaturate by 10%, it is **409EDA**.

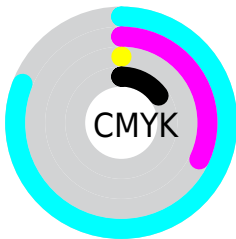
Distribution



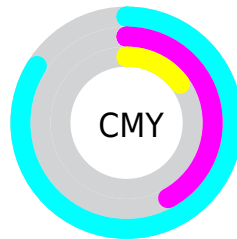
- Red (16%)
- Green (58%)
- Blue (85%)



- Red (16%)
- Yellow (43%)
- Blue (85%)



- Cyan (81%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A95DA 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 2A95DA by changing the saturation by 10% instead.

■ 2A95DA

■ 2A95DA

FFFFFF

■ 007BBE

■ 73CBFF

■ 0063A3

■ 93E7FF

■ 004B88

■ B1FFFF

■ 00356E

■ D0FFFF

■ 002055

■ EEEFFF

■ 00063E

■ 000327

■ 000111

■ 000000

■ 2A95DA

■ 2A95DA

■ 148CDA

■ 409EDA

■ 0085DA

■ 56A6DA

■ 6BAFDA

■ 81B7DA

■ 97C0DA

■ ADC8DA

■ C3D1DA

■ D8D9DA

■ EEE2DA

Harmonies

Analogous

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



009ECA



2A95DA



8188D5

Triad

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



2A95DA



D66F73



5A9D5D

Complementary

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



2A95DA



DA6F2A

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.



889544



2A95DA



C97A52

Square

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



2A95DA



D06F99



AD8940



00A183

Rectangle

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



2A95DA



A67EC7



AD8940



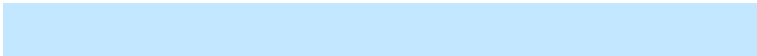
6B9B53

Sweetspot

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



2A95DA



C2E7FF



2ADA6D



5B7180



000000



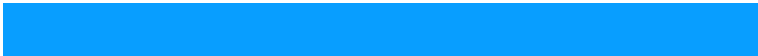
808080

Same Dimension

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



2A95DA



089EFF



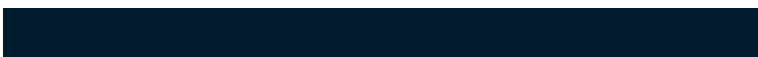
2A3FDA



63696E



0069AD



001C2E

Inverse Universe

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



DA2A95



FF089E



DAC52A



6E6369



AD0069



2E001C

Previews

White Background



This preview shows how the Hex color 2A95DA 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



This preview shows how the Hex color 2A95DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

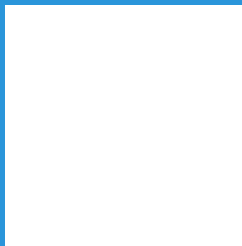
Any Text WCAG AAA × Fail

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

Hex 2A95DA Background



This preview shows how black text looks on a background with the Hex color 2A95DA.

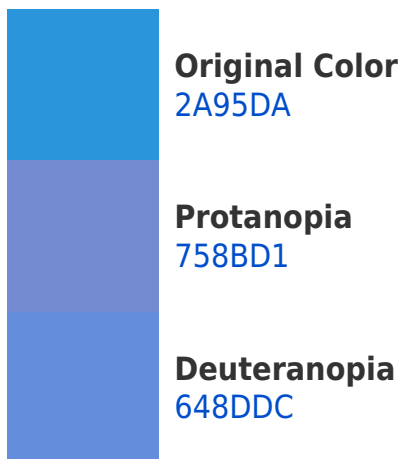


This preview shows how white text looks on a background with the Hex color 2A95DA.

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](#).

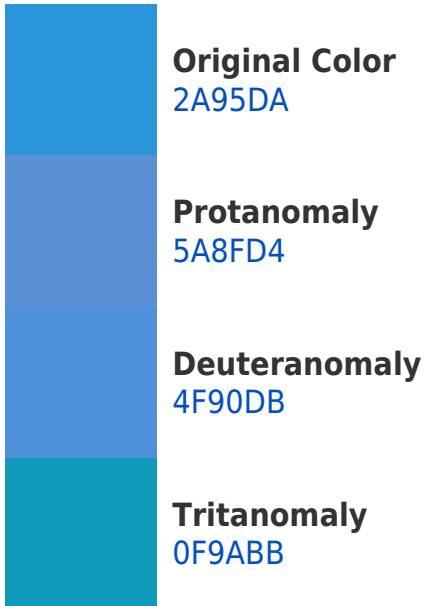
Dichromacy



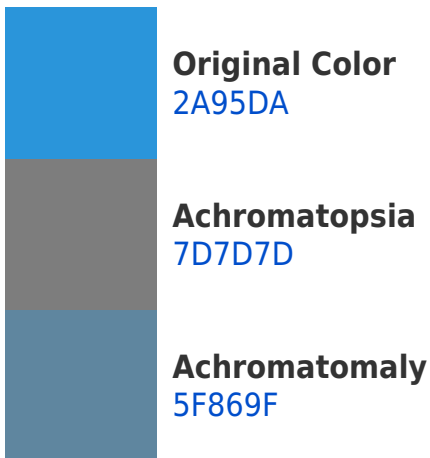


Tritanopia
009DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A95DA 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 #2A95DA looks like.

```
.text, #text, p{  
    color:#2A95DA  
}
```

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 #2A95DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A95DA
}
```

Border

The CSS property to change the border of an element to Hex 2A95DA 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
#2A95DA }
```

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

```
.border{ border-color:#2A95DA }
```

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

Here you see how a box with a 4 pixel #2A95DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A95DA; -webkit-box-shadow:4px 4px  
4px 4px #2A95DA; box-shadow:4px 4px 4px  
4px #2A95DA }
```

Background

The CSS property to change the background color of an element to Hex 2A95DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A95DA }
```

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

```
.background{ background-color:#2A95DA }
```

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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