

# Converting Colors

Hex(2A96C5)

Have a look what the booklet for  
Hex(2A96C5) contains.

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# Color

Hex(2A96C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A96C5
RGB	42, 150, 197
RGB Percent	16%, 59%, 77%
CMY	0.8353, 0.4118, 0.2275
CMYK	0.79, 0.24, 0.00, 0.23
HSL	198°, 65%, 47%
HSV	198°, 79%, 77%
XYZ	21.9392, 26.3362, 56.7504
YIQ	123.0660, -79.4550, -8.2790

# Conversions

## Conversions Part 2

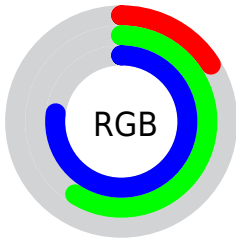
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 106, 197
Decimal	2791109
CIE <sub>Lab</sub>	58.35, -13.78, -32.76
CIE <sub>LCh</sub>	58, 35.537, 247.180
Yxy	26.3362, 0.2089, 0.2508
Android (android.graphics.Color)	4280981189 (0xFF2A96C5)
YUV	123.0660, 36.4495, -71.0949
Hunter-Lab	51.3188, -13.4975, -29.6422

# Details

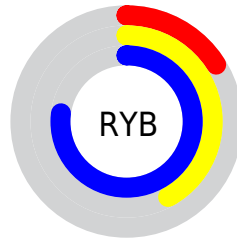
The Hex color **2A96C5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **C5592A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **70CCFE**, and **00638F** is the 20% darker color. If you saturate the color by 10%, you get **1690C5**, and if you desaturate by 10%, it is **3E9CC5**.

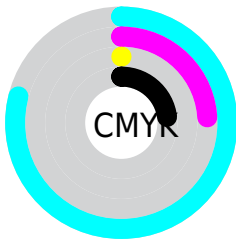
# Distribution



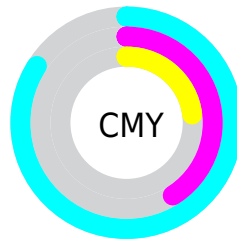
- Red (16%)
- Green (59%)
- Blue (77%)



- Red (16%)
- Yellow (42%)
- Blue (77%)



- Cyan (79%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (84%)
- Magenta (41%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A96C5 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 2A96C5 by changing the saturation by 10% instead.



■ 2A96C5

■ 2A96C5

FFFFFF

■ 007CAA

■ 70CCFE

■ 00638F

■ 8EE8FF

■ 004B75

■ ACFFFF

■ 00355C

■ CAFFFF

■ 002044

■ E8FFFF

■ 00042E

■ 000118

■ 000000

■ 2A96C5

■ 2A96C5

■ 1690C5

■ 3E9CC5

■ 038AC5

■ 51A2C5

■ 0089C5

■ 65A8C5

■ 79AEC5

■ 8DB4C5

■ A0BAC5

■ B4C0C5

■ C8C6C5

■ DBCCC5

# Harmonies

## Analogous

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



009BB1



2A96C5



6A8DCA

# Triad

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



2A96C5



C87386



789559

# Complementary

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



2A96C5



C5592A

# 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.



998D4D



2A96C5



C57868

# Square

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



2A96C5



B977A5



B48253



509B73

# Rectangle

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



2A96C5



8B85C4



B48253



839354

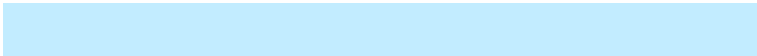


# Sweetspot

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



2A96C5



C2ECFF



2AC559



5B7480



000000



808080



# Same Dimension

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



2A96C5



0FB6FF



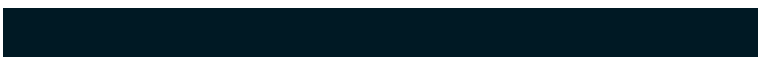
2A49C5



5A6063



0072A3



001924



# Inverse Universe

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



C52A96



FF0FB6



C5A62A



635A60



A30072



240019



# Previews

## White Background



This preview shows how the Hex color 2A96C5 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 2A96C5 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 2A96C5 Background



This preview shows how black text looks on a background with the Hex color 2A96C5.

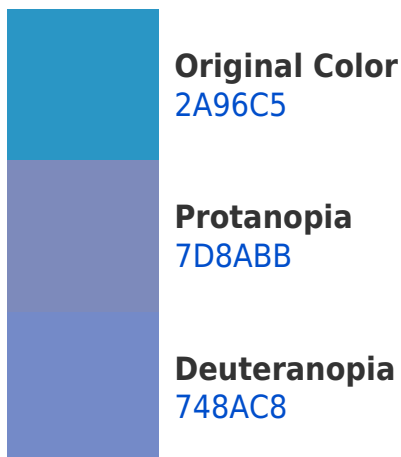


This preview shows how white text looks on a background with the Hex color 2A96C5.

# 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](#).

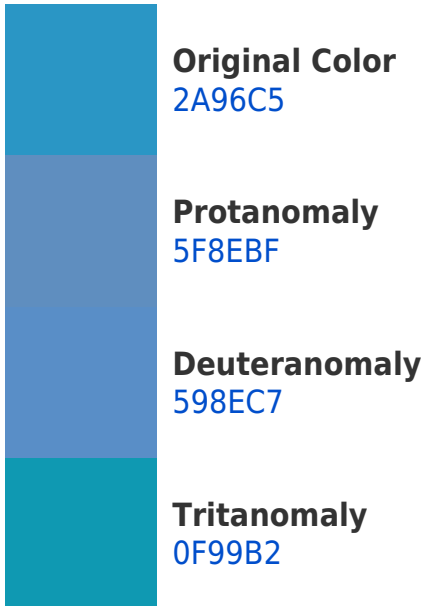
## Dichromacy



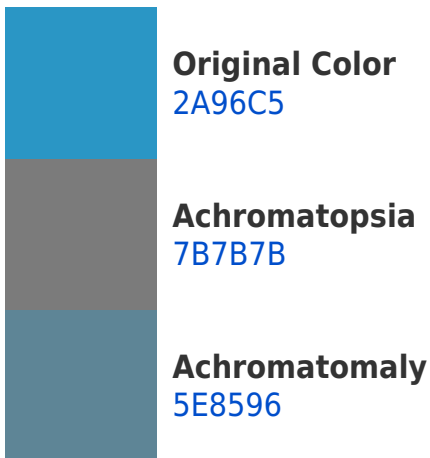


**Tritanopia**  
009BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A96C5 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 #2A96C5 looks like.

```
.text, #text, p{  
    color:#2A96C5  
}
```

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 #2A96C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A96C5
}
```

## Border

The CSS property to change the border of an element to Hex 2A96C5 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
#2A96C5 }
```

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

```
.border{ border-color:#2A96C5 }
```

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

Here you see how a box with a 4 pixel #2A96C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A96C5; -webkit-box-shadow:4px 4px  
4px 4px #2A96C5; box-shadow:4px 4px 4px  
4px #2A96C5 }
```

# Background

The CSS property to change the background color of an element to Hex 2A96C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A96C5 }
```

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

```
.background{ background-color:#2A96C5 }
```

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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