

# Converting Colors

Hex(2A94D4)

Have a look what the booklet for  
Hex(2A94D4) contains.

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# Color

Hex(2A94D4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A94D4
RGB	42, 148, 212
RGB Percent	16%, 58%, 83%
CMY	0.8353, 0.4196, 0.1686
CMYK	0.80, 0.30, 0.00, 0.17
HSL	203°, 67%, 50%
HSV	203°, 80%, 83%
XYZ	23.4284, 26.4255, 66.1532
YIQ	123.6020, -83.7200, -2.5680

# Conversions

## Conversions Part 2

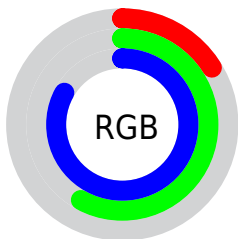
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 107, 212
Decimal	2790612
CIE Lab	58.44, -7.36, -41.05
CIE LCh	58, 41.703, 259.840
Yxy	26.4255, 0.2020, 0.2278
Android (android.graphics.Color)	4280980692 (0xFF2A94D4)
YUV	123.6020, 43.5802, -71.5650
Hunter-Lab	51.4058, -8.6079, -40.3153

# Details

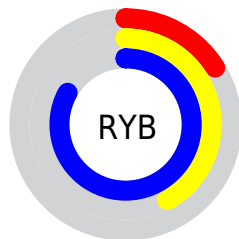
The Hex color **2A94D4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **D46A2A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **72CAFF**, and **00629D** is the 20% darker color. If you saturate the color by 10%, you get **158CD4**, and if you desaturate by 10%, it is **3F9CD4**.

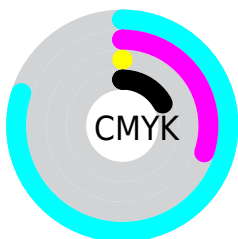
# Distribution



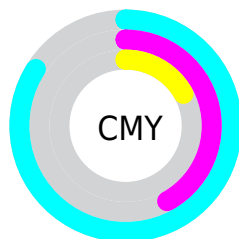
- Red (16%)
- Green (58%)
- Blue (83%)



- Red (16%)
- Yellow (42%)
- Blue (83%)



- Cyan (80%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)



- Cyan (84%)
- Magenta (42%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A94D4 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 2A94D4 by changing the saturation by 10% instead.



■ 2A94D4

■ 2A94D4

FFFFFF

■ 007AB8

■ 72CAFF

■ 00629D

■ 91E6FF

■ 004A83

■ B0FFFF

■ 003469

■ CEFFFF

■ 001F51

■ EDFFFF

■ 000539

■ 000223

■ 000009

■ 000000

■ 2A94D4

■ 2A94D4

■ 158CD4

■ 3F9CD4

■ 0084D4

■ 54A4D4

■ 6AACD4

■ 7FB4D4

■ 94BCD4

■ A9C4D4

■ BECCD4

■ D4D4D4

■ E9DCD4

# Harmonies

## Analogous

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



009CC3



2A94D4



7C88D1

# Triad

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



2A94D4



D26F76



609A5C

# Complementary

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



2A94D4



D46A2A

# 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.



8B9245



2A94D4



C77956

# Square

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



2A94D4



CA709B



AD8643



1F9E7E

# Rectangle

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



2A94D4



9F7EC5



AD8643



6F9852

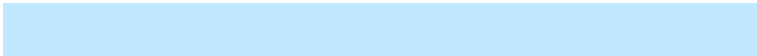


# Sweetspot

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



2A94D4



C2E8FF



2AD468



5B7280



000000



808080

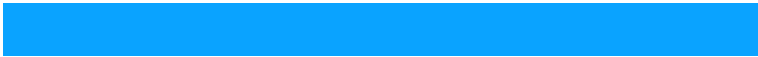


# Same Dimension

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



2A94D4



0AA3FF



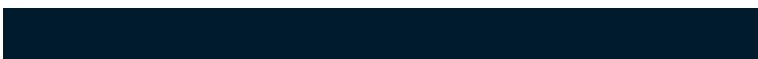
2A41D4



60676B



006BAB



001B2B



# Inverse Universe

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



D42A94



FF0AA3



D4BD2A



6B6067



AB006B



2B001B



# Previews

## White Background



This preview shows how the Hex color 2A94D4 looks on a white background.

## Color Contrast Check

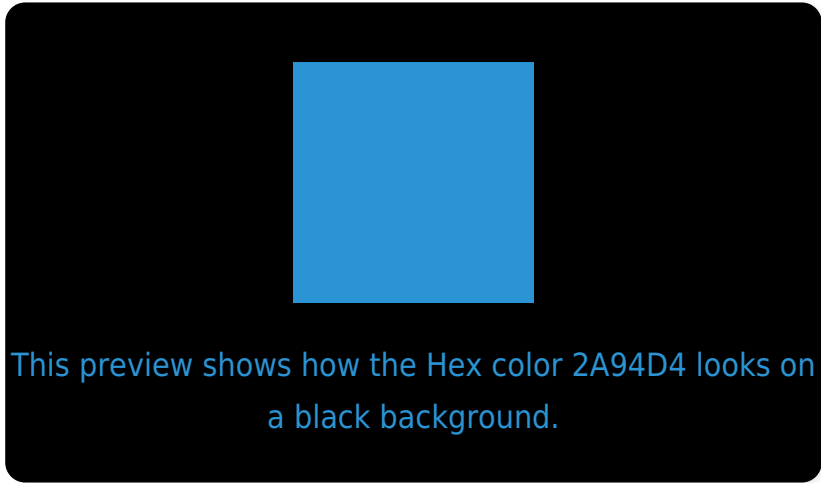
Large Text (above 18pt) WCAG AA ✓ Pass

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

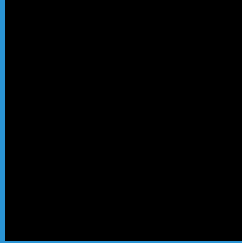
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

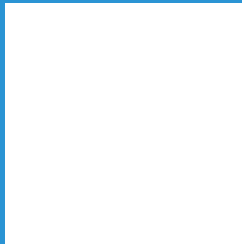
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A94D4 Background



This preview shows how black text looks on a background with the Hex color 2A94D4.

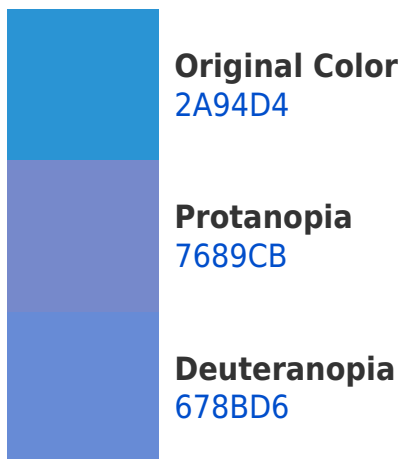


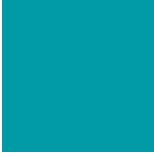
This preview shows how white text looks on a background with the Hex color 2A94D4.

# 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](#).

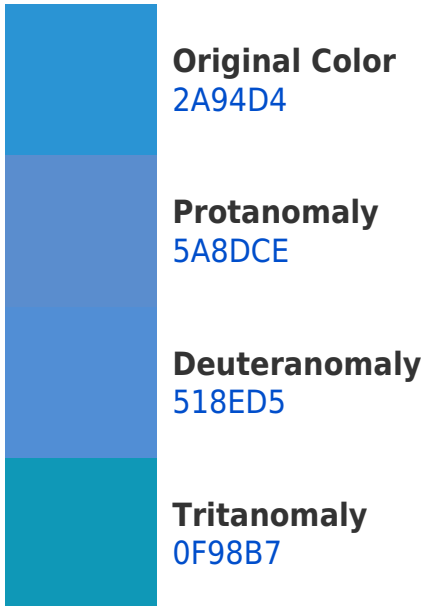
## Dichromacy



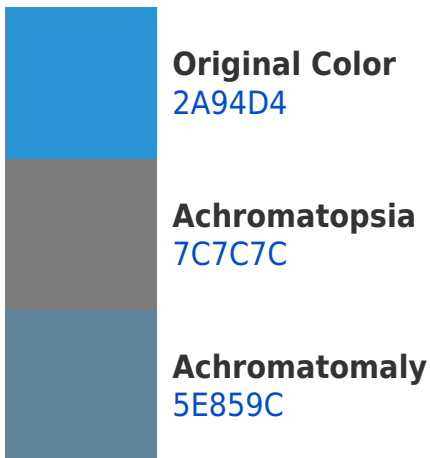


**Tritanopia**  
009BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A94D4 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 #2A94D4 looks like.

```
.text, #text, p{  
    color:#2A94D4  
}
```

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 #2A94D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A94D4
}
```

## Border

The CSS property to change the border of an element to Hex 2A94D4 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
#2A94D4 }
```

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

```
.border{ border-color:#2A94D4 }
```

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

Here you see how a box with a 4 pixel #2A94D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A94D4; -webkit-box-shadow:4px 4px  
4px 4px #2A94D4; box-shadow:4px 4px 4px  
4px #2A94D4 }
```

# Background

The CSS property to change the background color of an element to Hex 2A94D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A94D4 }
```

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

```
.background{ background-color:#2A94D4 }
```

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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