

# Converting Colors

Hex(2D94C8)

Have a look what the booklet for  
Hex(2D94C8) contains.

<b>Hex(2D94C8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(2D94C8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2D94C8
RGB	45, 148, 200
RGB Percent	18%, 58%, 78%
CMY	0.8235, 0.4196, 0.2157
CMYK	0.77, 0.26, 0.00, 0.22
HSL	200°, 63%, 48%
HSV	200°, 77%, 78%
XYZ	22.0974, 25.9078, 58.4796
YIQ	123.1310, -78.0800, -5.6640

# Conversions

## Conversions Part 2

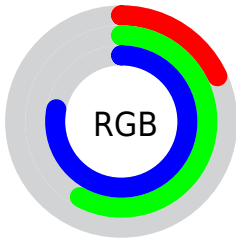
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 107, 200
Decimal	2987208
CIE <sub>Lab</sub>	57.95, -11.30, -35.07
CIE <sub>LCh</sub>	58, 36.848, 252.141
Yxy	25.9078, 0.2075, 0.2433
Android (android.graphics.Color)	4281177288 (0xFF2D94C8)
YUV	123.1310, 37.8964, -68.5209
Hunter-Lab	50.8997, -11.5812, -32.4896

# Details

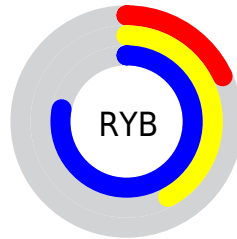
The Hex color **2D94C8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **C8612D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **72CAFF**, and **006192** is the 20% darker color. If you saturate the color by 10%, you get **198DC8**, and if you desaturate by 10%, it is **419BC8**.

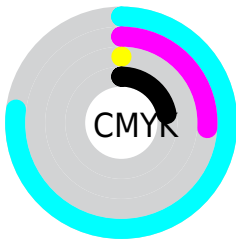
# Distribution



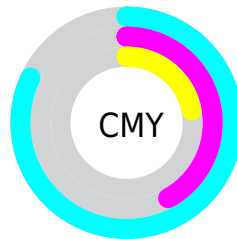
- Red (18%)
- Green (58%)
- Blue (78%)



- Red (18%)
- Yellow (42%)
- Blue (78%)



- Cyan (77%)
- Magenta (26%)
- Yellow (0%)
- Black (22%)



- Cyan (82%)
- Magenta (42%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D94C8 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 2D94C8 by changing the saturation by 10% instead.



■ 2D94C8

■ 2D94C8

FFFFFF

■ 007AAD

■ 72CAFF

■ 006192

■ 90E6FF

■ 004A78

■ AEFFFF

■ 00335F

■ CCFFFF

■ 001F47

■ EAFFFF

■ 000430

■ 00011A

■ 000000

■ 2D94C8

■ 2D94C8

■ 198DC8

■ 419BC8

■ 0587C8

■ 55A1C8

■ 0085C8

■ 69A8C8

■ 7DAFC8

■ 91B6C8

■ A5BCC8

■ B9C3C8

■ CDCAC8

■ E1D0C8

# Harmonies

## Analogous

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



009AB6



2D94C8



708ACA

# Triad

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



2D94C8



C9727F



6F965A

# Complementary

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



2D94C8



C8612D

# 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.



938E4B



2D94C8



C47862

# Square

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



2D94C8



BD74A0



B0834E



449B76

# Rectangle

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



2D94C8



9182C2



B0834E



7C9353

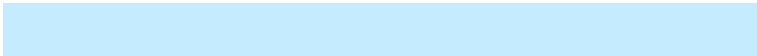


# Sweetspot

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



2D94C8



C4EBFF



2DC861



5C7480



000000



808080

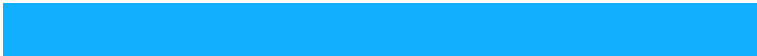


# Same Dimension

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



2D94C8



12AFFF



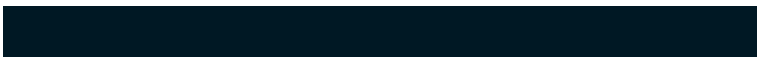
2D47C8



5A6063



006CA3



001824



# Inverse Universe

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



C82D94



FF12AF



C8AE2D



635A60



A3006C



240018



# Previews

## White Background



This preview shows how the Hex color 2D94C8 looks on a white background.

## Color Contrast Check

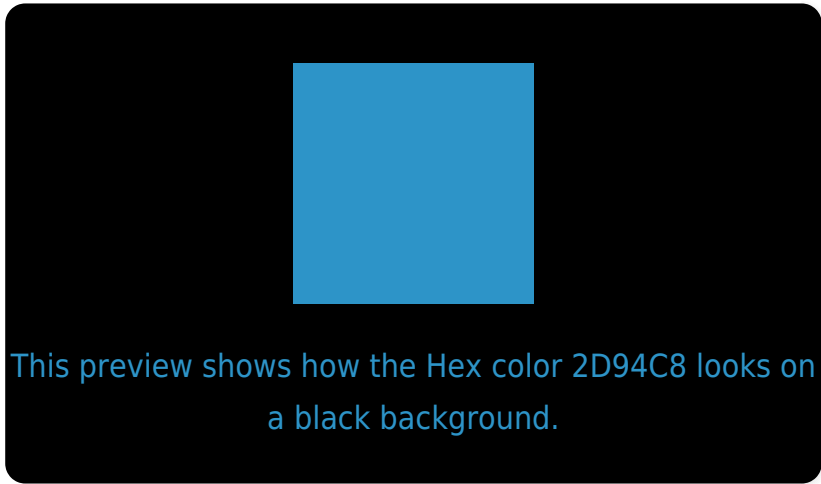
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D94C8 Background



This preview shows how black text looks on a background with the Hex color 2D94C8.



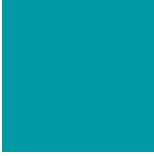
This preview shows how white text looks on a background with the Hex color 2D94C8.

# 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](#).

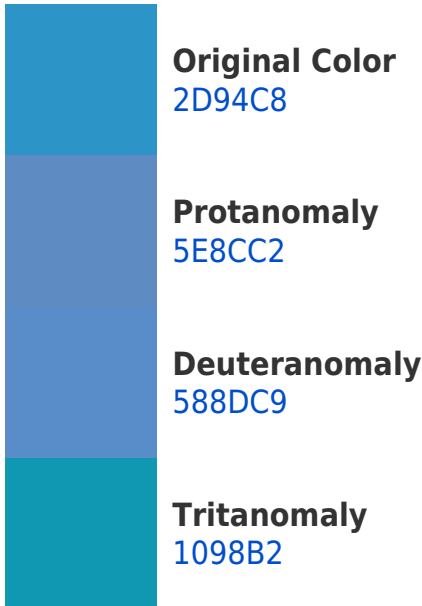
## Dichromacy





**Tritanopia**  
009AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D94C8 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 #2D94C8 looks like.

```
.text, #text, p{  
    color:#2D94C8  
}
```

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 #2D94C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D94C8
}
```

## Border

The CSS property to change the border of an element to Hex 2D94C8 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
#2D94C8 }
```

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

```
.border{ border-color:#2D94C8 }
```

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

Here you see how a box with a 4 pixel #2D94C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D94C8; -webkit-box-shadow:4px 4px  
4px 4px #2D94C8; box-shadow:4px 4px 4px  
4px #2D94C8 }
```

# Background

The CSS property to change the background color of an element to Hex 2D94C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D94C8 }
```

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

```
.background{ background-color:#2D94C8 }
```

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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