

# Converting Colors

Decimal(3119322)

Have a look what the booklet for  
Decimal(3119322) contains.

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# Color

**Decimal(3119322)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F98DA
RGB	47, 152, 218
RGB Percent	18%, 60%, 85%
CMY	0.8157, 0.4039, 0.1451
CMYK	0.78, 0.30, 0.00, 0.15
HSL	203°, 70%, 52%
HSV	203°, 78%, 85%
XYZ	25.0554, 28.1228, 70.4373
YIQ	128.1290, -83.7660, -1.7340

# Conversions

## Conversions Part 2

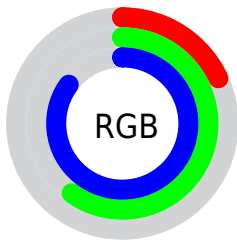
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	47, 112, 218
Decimal	3119322
CIE Lab	60.00, -6.99, -41.94
CIE LCh	60, 42.517, 260.540
Yxy	28.1228, 0.2027, 0.2275
Android (android.graphics.Color)	4281309402 (0xFF2F98DA)
YUV	128.1290, 44.3064, -71.1501
Hunter-Lab	53.0309, -8.4685, -41.6292

# Details

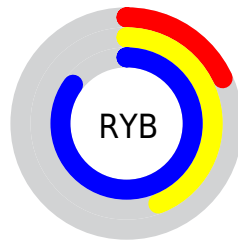
The Decimal color **3119322** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **14315823**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **7786239**, and **26019** is the 20% darker color. If you saturate the color by 10%, you get **1675482**, and if you desaturate by 10%, it is **4563162**.

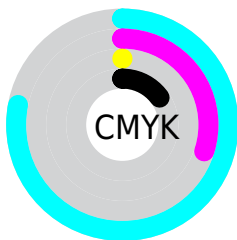
# Distribution



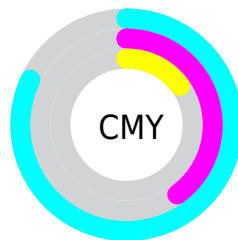
- Red (18%)
- Green (60%)
- Blue (85%)



- Red (18%)
- Yellow (44%)
- Blue (85%)



- Cyan (78%)
- Magenta (30%)
- Yellow (0%)
- Black (15%)



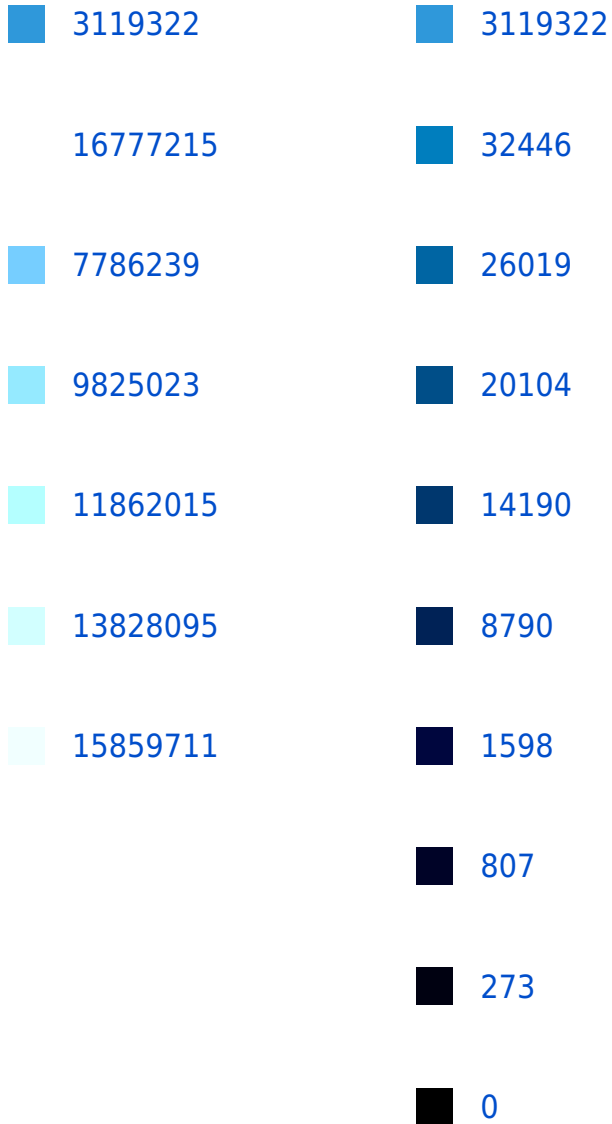
- Cyan (82%)
- Magenta (40%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3119322 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 Decimal color 3119322 by changing the saturation by 10% instead.





■ 3119322

■ 3119322

■ 1675482

■ 4563162

■ 231386

■ 6007258

■ 34522

■ 7385562

■ 8829658

■ 10273498

■ 11717338

■ 13161434

■ 14539738

■ 15983834

# Harmonies

## Analogous

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



41161



3119322



8489943

# Triad

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



3119322



14185336



6463327

# Complementary

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



3119322



14315823

# 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.



9344584



3119322



13401432

# Square

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



3119322



13661086



11700805



1942403

# Rectangle

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



3119322



10846922



11700805



7511126

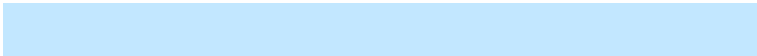


# Sweetspot

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



3119322



12773375



3136113



5992832



0



8421504

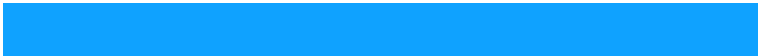


# Same Dimension

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



3119322



1024767



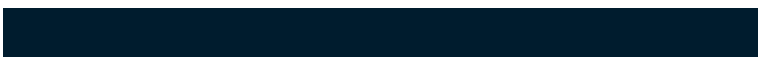
3097562



6515054



27309



7214



# Inverse Universe

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



14299032



16715682



14337583



7234409



11337834



3014684



# Previews

## White Background



This preview shows how the Decimal color 3119322 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 Decimal color 3119322 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

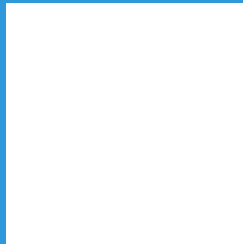
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3119322 Background



This preview shows how black text looks on a background with the Decimal color 3119322.



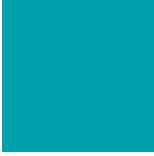
This preview shows how white text looks on a background with the Decimal color 3119322.

# 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



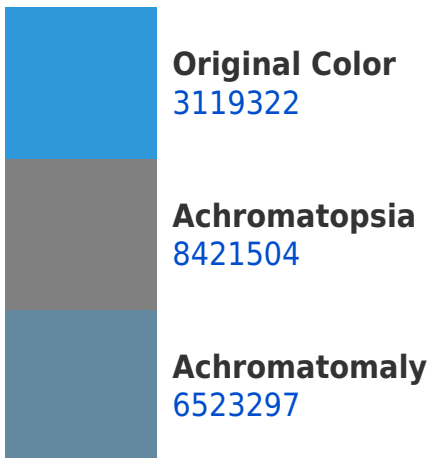


**Tritanopia**  
41132

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3119322 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 #2F98DA looks like.

```
.text, #text, p{  
  color:#2F98DA  
}
```

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 #2F98DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F98DA
}
```

## Border

The CSS property to change the border of an element to Decimal 3119322 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
#2F98DA }
```

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

```
.border{ border-color:#2F98DA }
```

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

Here you see how a box with a 4 pixel #2F98DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F98DA; -webkit-box-shadow:4px 4px  
4px 4px #2F98DA; box-shadow:4px 4px 4px  
4px #2F98DA }
```

# Background

The CSS property to change the background color of an element to Decimal 3119322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F98DA }
```

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

```
.background{ background-color:#2F98DA }
```

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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