

# Converting Colors

Decimal(5222598)

Have a look what the booklet for  
Decimal(5222598) contains.

<b>Decimal(5222598)</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**

**Decimal(5222598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FB0C6
RGB	79, 176, 198
RGB Percent	31%, 69%, 78%
CMY	0.6902, 0.3098, 0.2235
CMYK	0.60, 0.11, 0.00, 0.22
HSL	191°, 51%, 54%
HSV	191°, 60%, 78%
XYZ	28.9428, 36.7901, 59.0018
YIQ	149.5050, -64.8740, -13.7220

# Conversions

## Conversions Part 2

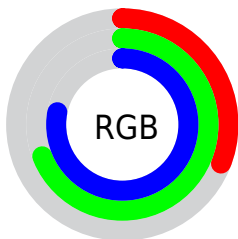
Format	Color
<b>RYB</b>	79, 132, 198
Decimal	5222598
CIELab	67.12, -21.89, -19.75
CIElCh	67, 29.477, 222.055
Yxy	36.7901, 0.2320, 0.2949
Android (android.graphics.Color)	4283412678 (0xFF4FB0C6)
YUV	149.5050, 23.9080, -61.8329
Hunter-Lab	60.6549, -20.9708, -15.2157

# Details

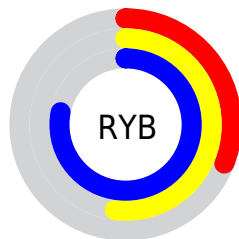
The Decimal color **5222598** is a light color, and the websafe version is hex **339999**. The color can be described as light muted azure. A complement of this color would be **13002063**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **9169151**, and **31632** is the 20% darker color. If you saturate the color by 10%, you get **3910854**, and if you desaturate by 10%, it is **6534342**.

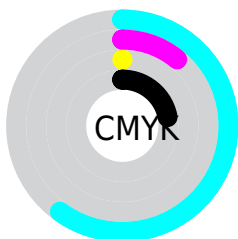
# Distribution



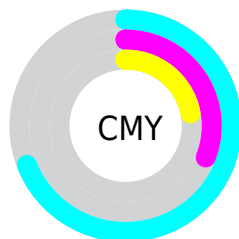
- Red (31%)
- Green (69%)
- Blue (78%)



- Red (31%)
- Yellow (52%)
- Blue (78%)



- Cyan (60%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (69%)
- Magenta (31%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5222598 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 5222598 by changing the saturation by 10% instead.



■ 5222598

■ 5222598

16777215

■ 2987435

■ 9169151

■ 31632

■ 11075583

■ 25206

■ 12976127

■ 19038

■ 14942207

■ 13126

■ 7983

■ 283

■ 0

■ 5222598

■ 5222598

■ 3910854

■ 6534342

■ 2599366

■ 7845830

■ 1353158

■ 9092038

■ 41414

■ 10403782

■ 11715270

■ 13027014

■ 14338758

■ 15584710

■ 16765382

# Harmonies

## Analogous

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



5550765



5222598



6925269

# Triad

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



5222598



13537972



11249007

# Complementary

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



5222598



13002063

# 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.



12885105



5222598



14192793

# Square

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



5222598



11901387



13931649



9350267

# Rectangle

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



5222598



8627672



13931649



11838062

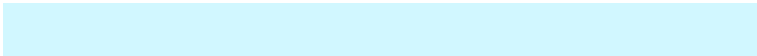


# Sweetspot

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



5222598



13760511



5228133



6519424



0



8421504



# Same Dimension

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



5222598



4709887



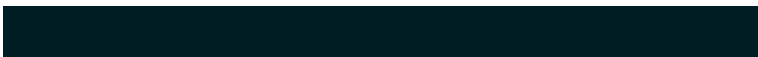
5207494



5923427



34211



7460



# Inverse Universe

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



12996528



16730077



13017167



6511202



10682501



2359325



# Previews

## White Background



This preview shows how the Decimal color 5222598 looks on a white background.

## Color Contrast Check

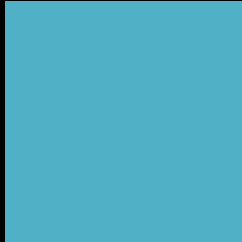
Large Text (above 18pt) WCAG AA × Fail

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 5222598 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

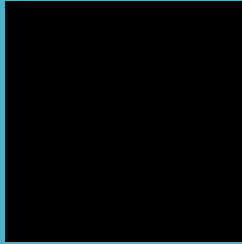
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5222598 Background



This preview shows how black text looks on a background with the Decimal color 5222598.



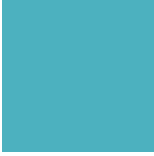
This preview shows how white text looks on a background with the Decimal color 5222598.

# 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](#).

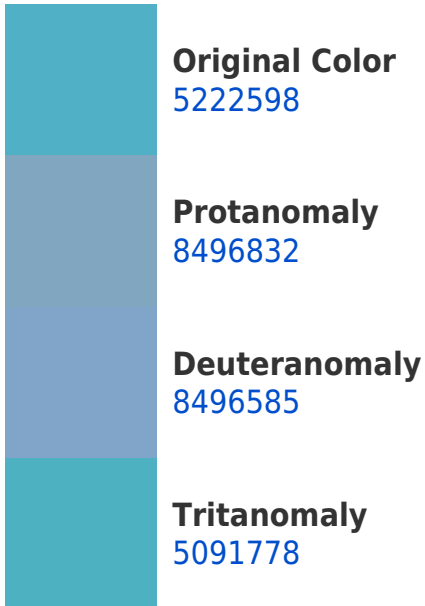
## Dichromacy





**Tritanopia**  
5026239

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5222598 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 #4FB0C6 looks like.

```
.text, #text, p{  
    color:#4FB0C6  
}
```

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 #4FB0C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB0C6
}
```

## Border

The CSS property to change the border of an element to Decimal 5222598 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
#4FB0C6 }
```

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

```
.border{ border-color:#4FB0C6 }
```

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

Here you see how a box with a 4 pixel #4FB0C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB0C6; -webkit-box-shadow:4px 4px  
4px 4px #4FB0C6; box-shadow:4px 4px 4px  
4px #4FB0C6 }
```

# Background

The CSS property to change the background color of an element to Decimal 5222598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB0C6 }
```

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

```
.background{ background-color:#4FB0C6 }
```

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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