

# Converting Colors

Decimal(5948072)

Have a look what the booklet for  
Decimal(5948072) contains.

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# **Color**

**Decimal(5948072)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AC2A8
RGB	90, 194, 168
RGB Percent	35%, 76%, 66%
CMY	0.6471, 0.2392, 0.3412
CMYK	0.54, 0.00, 0.13, 0.24
HSL	165°, 46%, 56%
HSV	165°, 54%, 76%
XYZ	30.5761, 43.5844, 43.8469
YIQ	159.9400, -53.6380, -30.1340

# Conversions

## Conversions Part 2

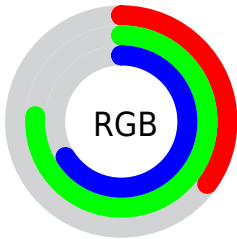
Format	Color
<a href="#">RYB</a>	<a href="#">90, 149, 194</a>
Decimal	<a href="#">5948072</a>
CIELab	<a href="#">71.95, -36.50, 3.95</a>
CIELCh	<a href="#">72, 36.709, 173.829</a>
Yxy	<a href="#">43.5844, 0.2591, 0.3693</a>
Android (android.graphics.Color)	<a href="#">4284138152</a> ( <a href="#">0xFF5AC2A8</a> )
YUV	<a href="#">159.9400, 3.9736, -61.3374</a>
Hunter-Lab	<a href="#">66.0185, -32.8610, 6.8348</a>

# Details

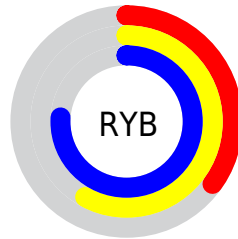
The Decimal color **5948072** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **12737140**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **9698271**, and **1477748** is the 20% darker color. If you saturate the color by 10%, you get **4702883**, and if you desaturate by 10%, it is **7193261**.

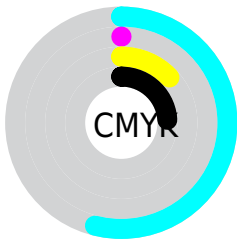
# Distribution



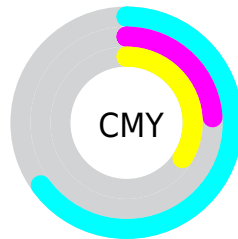
- Red (35%)
- Green (76%)
- Blue (66%)



- Red (35%)
- Yellow (58%)
- Blue (76%)



- Cyan (54%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (65%)
- Magenta (24%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5948072 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 5948072 by changing the saturation by 10% instead.



■ 5948072

■ 5948072

16777215

■ 3974798

■ 9698271

■ 1477748

■ 11599868

■ 29276

■ 13500415

■ 22852

■ 15466495

■ 16430

■ 10777

■ 3328

■ 0

■ 5948072

■ 5948072

4702883

7193261

3392158

8503986

2146969

9749175

836245

11059899

49810

12305088

13550277

14861002

16106191

16761556

# Harmonies

## Analogous

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



8699528



5948072



3392202

# Triad

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



5948072



11250414



15114363

# Complementary

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



5948072



12737140

# 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.



15898775



5948072



13934296

# Square

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



5948072



7714546



15570873



13479022

# Rectangle

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



5948072



3391710



15570873



15506819



# Sweetspot

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



5948072



13958386



7651930



6783097



0



8421504



# Same Dimension

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



5948072



6028500



5941442



5726558



41336



8473



# Inverse Universe

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



12737140



16538499



12743770



6379354



10551336

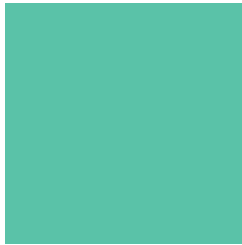


2162696



# Previews

## White Background



This preview shows how the Decimal color 5948072 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 5948072 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

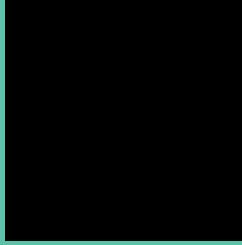
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5948072 Background



This preview shows how black text looks on a background with the Decimal color 5948072.



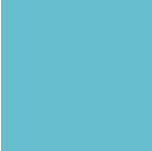
This preview shows how white text looks on a background with the Decimal color 5948072.

# 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**  
6733260

# Trichromacy



**Original Color**  
5948072



**Protanomaly**  
9811618



**Deuteranomaly**  
10269611



**Tritanomaly**  
6471615

# Monochromacy



**Original Color**  
5948072



**Achromatopsia**  
10526880



**Achromatomaly**  
8891555

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5948072 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 #5AC2A8 looks like.

```
.text, #text, p{  
    color:#5AC2A8  
}
```

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 #5AC2A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC2A8
}
```

## Border

The CSS property to change the border of an element to Decimal 5948072 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
#5AC2A8 }
```

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

```
.border{ border-color:#5AC2A8 }
```

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

Here you see how a box with a 4 pixel #5AC2A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC2A8; -webkit-box-shadow:4px 4px  
4px 4px #5AC2A8; box-shadow:4px 4px 4px  
4px #5AC2A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 5948072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC2A8 }
```

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

```
.background{ background-color:#5AC2A8 }
```

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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