

# Converting Colors

Decimal(5032088)

Have a look what the booklet for  
Decimal(5032088) contains.

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**Color**

**Decimal(5032088)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CC898
RGB	76, 200, 152
RGB Percent	30%, 78%, 60%
CMY	0.7020, 0.2157, 0.4039
CMYK	0.62, 0.00, 0.24, 0.22
HSL	157°, 53%, 54%
HSV	157°, 62%, 78%
XYZ	29.3023, 45.1121, 36.8689
YIQ	157.4520, -58.4960, -41.2160

# Conversions

## Conversions Part 2

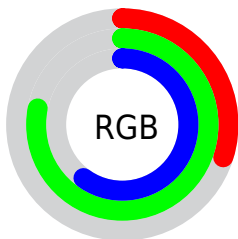
Format	Color
<a href="#">RYB</a>	<a href="#">76, 153, 200</a>
Decimal	<a href="#">5032088</a>
CIELab	<a href="#">72.97, -45.70, 13.99</a>
CIELCh	<a href="#">73, 47.793, 162.981</a>
Yxy	<a href="#">45.1121, 0.2633, 0.4054</a>
Android (android.graphics.Color)	<a href="#">4283222168 (0xFF4CC898)</a>
YUV	<a href="#">157.4520, -2.6878, -71.4334</a>
Hunter-Lab	<a href="#">67.1655, -39.6655, 14.4701</a>

# Details

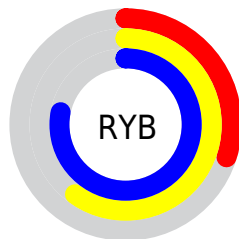
The Decimal color **5032088** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **13126780**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **8978382**, and **37221** is the 20% darker color. If you saturate the color by 10%, you get **3721360**, and if you desaturate by 10%, it is **6342816**.

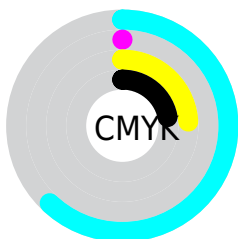
# Distribution



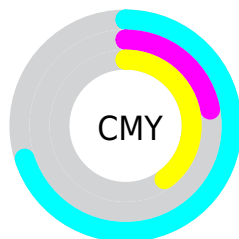
- Red (30%)
- Green (78%)
- Blue (60%)



- Red (30%)
- Yellow (60%)
- Blue (78%)



- Cyan (62%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (70%)
- Magenta (22%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5032088 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 5032088 by changing the saturation by 10% instead.



 5032088

 5032088

16777215

 2731134

 8978382

 37221

 10944491


 30541

 12845055

 23862

 14811135

 17440

 11786

 4608

 0

 5032088

 5032088

■ 3721360

■ 6342816

■ 2410633

■ 7653543

■ 1099905

■ 8964271

■ 51323

■ 10274999

■ 11585727

■ 12896454

■ 14207182

■ 15517910

■ 16763102

# Harmonies

## Analogous

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



9159281



5032088



51909

# Triad

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



5032088



9417215



16685433

# Complementary

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



5032088



13126780

# 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.



16748450



5032088



13672691

# Square

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



5032088



2080767



16290766



14919775

# Rectangle

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



5032088



51425



16290766



16749702

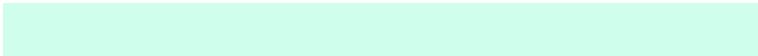


# Sweetspot

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



5032088



13631468



8308812



6455412



0



8421504



# Same Dimension

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



5032088



4390838



5029064



5923680



41828



9238



# Inverse Universe

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



13126780



16728715



13129804



6511197



10682431

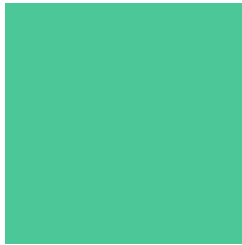


2359310



# Previews

## White Background



This preview shows how the Decimal color 5032088 looks on a white background.

## Color Contrast Check

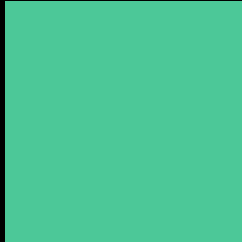
Large Text (above 18pt) WCAG AA × Fail

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 5032088 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

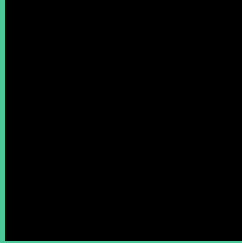
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5032088 Background



This preview shows how black text looks on a background with the Decimal color 5032088.



This preview shows how white text looks on a background with the Decimal color 5032088.

# 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**  
6341072

# Trichromacy



**Original Color**  
5032088



**Protanomaly**  
9746833



**Deuteranomaly**  
10270364



**Tritanomaly**  
5883068

# Monochromacy



**Original Color**  
5032088



**Achromatopsia**  
10329501



**Achromatomaly**  
8433051

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5032088 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 #4CC898 looks like.

```
.text, #text, p{  
    color:#4CC898  
}
```

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 #4CC898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC898
}
```

## Border

The CSS property to change the border of an element to Decimal 5032088 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
#4CC898 }
```

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

```
.border{ border-color:#4CC898 }
```

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

Here you see how a box with a 4 pixel #4CC898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC898; -webkit-box-shadow:4px 4px  
4px 4px #4CC898; box-shadow:4px 4px 4px  
4px #4CC898 }
```

# Background

The CSS property to change the background color of an element to Decimal 5032088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC898 }
```

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

```
.background{ background-color:#4CC898 }
```

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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