

Converting Colors

Decimal(5097888)

Have a look what the booklet for
Decimal(5097888) contains.

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Color

Decimal(5097888)

Conversions

Conversions Part 1

Format	Color
Hex	4DC9A0
RGB	77, 201, 160
RGB Percent	30%, 79%, 63%
CMY	0.6980, 0.2118, 0.3725
CMYK	0.62, 0.00, 0.20, 0.21
HSL	160°, 53%, 55%
HSV	160°, 62%, 79%
XYZ	30.2924, 45.8891, 40.5186
YIQ	159.2500, -60.7430, -39.0390

Conversions

Conversions Part 2

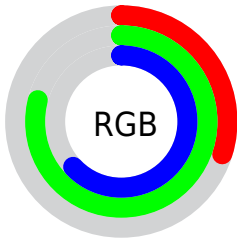
Format	Color
RYB	77, 151, 201
Decimal	5097888
CIELab	73.47, -44.13, 10.41
CIELCh	73, 45.338, 166.728
Yxy	45.8891, 0.2596, 0.3932
Android (android.graphics.Color)	4283287968 (0xFF4DC9A0)
YUV	159.2500, 0.3698, -72.1333
Hunter-Lab	67.7415, -38.7268, 11.9556

Details

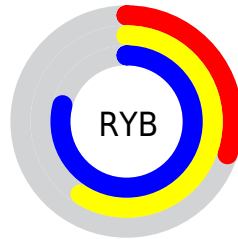
The Decimal color **5097888** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **13192566**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **9043927**, and **37485** is the 20% darker color. If you saturate the color by 10%, you get **3787161**, and if you desaturate by 10%, it is **6408615**.

Distribution



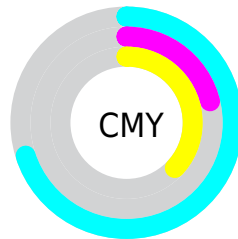
- Red (30%)
- Green (79%)
- Blue (63%)



- Red (30%)
- Yellow (59%)
- Blue (79%)



- Cyan (62%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)



- Cyan (70%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5097888 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 5097888 by changing the saturation by 10% instead.

5097888

5097888

16777215

2796934

9043927

37485

11010035

30804

12910591

24125

14876671

17703

11795

5120

0

5097888

5097888

■ 3787161

■ 6408615

■ 2476435

■ 7719341

■ 1165708

■ 9030068

■ 51591

■ 10340795

■ 11717057

■ 13027784

■ 14338511

■ 15649237

■ 16763356

Harmonies

Analogous

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



9028474



5097888



51915

Triad

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



5097888



10269183



16424314

Complementary

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



5097888



13192566

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.



16749727



5097888



14066158

Square

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



5097888



4833023



16356809



14658659

Rectangle

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



5097888



51429



16356809



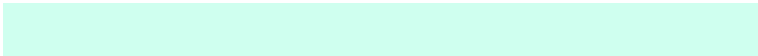
16750981

Sweetspot

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



5097888



13631471



7784781



6455414



0



8421504

Same Dimension

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



5097888



4390849



5092553



5923680



41837



9240

Inverse Universe

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



13192566



16728705



13197901



6511197



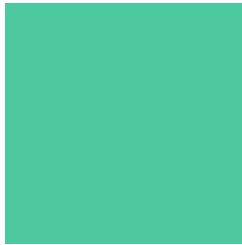
10682422



2359308

Previews

White Background



This preview shows how the Decimal color 5097888 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 5097888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

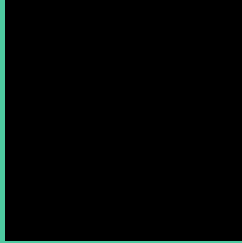
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

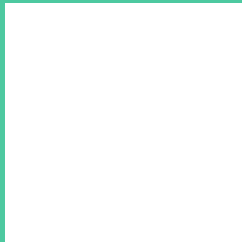
Any Text WCAG AAA ✓ Pass

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

Decimal 5097888 Background



This preview shows how black text looks on a background with the Decimal color 5097888.



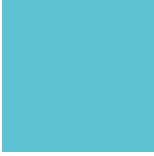
This preview shows how white text looks on a background with the Decimal color 5097888.

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
6275794

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5097888 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 #4DC9A0 looks like.

```
.text, #text, p{  
    color:#4DC9A0  
}
```

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 #4DC9A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC9A0  
}
```

Border

The CSS property to change the border of an element to Decimal 5097888 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  
#4DC9A0 }
```

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

```
.border{ border-color:#4DC9A0 }
```

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

Here you see how a box with a 4 pixel #4DC9A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC9A0; -webkit-box-shadow:4px 4px  
4px 4px #4DC9A0; box-shadow:4px 4px 4px  
4px #4DC9A0 }
```

Background

The CSS property to change the background color of an element to Decimal 5097888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC9A0 }
```

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

```
.background{ background-color:#4DC9A0 }
```

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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