

# Converting Colors

Decimal(5294264)

Have a look what the booklet for  
Decimal(5294264) contains.

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# Color

**Decimal(5294264)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50C8B8
RGB	80, 200, 184
RGB Percent	31%, 78%, 72%
CMY	0.6863, 0.2157, 0.2784
CMYK	0.60, 0.00, 0.08, 0.22
HSL	172°, 52%, 55%
HSV	172°, 60%, 78%
XYZ	32.6143, 46.4747, 52.5990
YIQ	162.2960, -66.3840, -30.4160

# Conversions

## Conversions Part 2

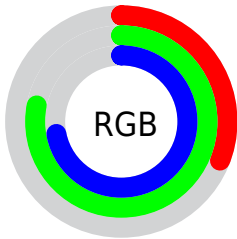
Format	Color
<b>RYB</b>	80, 144, 200
Decimal	5294264
CIELab	73.85, -37.25, -2.01
CIELCh	74, 37.302, 183.090
Yxy	46.4747, 0.2477, 0.3529
Android (android.graphics.Color)	4283484344 (0xFF50C8B8)
YUV	162.2960, 10.7001, -72.1736
Hunter-Lab	68.1724, -33.9056, 1.9750

# Details

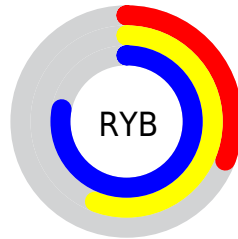
The Decimal color **5294264** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **13127776**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **9306096**, and **37251** is the 20% darker color. If you saturate the color by 10%, you get **3983541**, and if you desaturate by 10%, it is **6604987**.

# Distribution



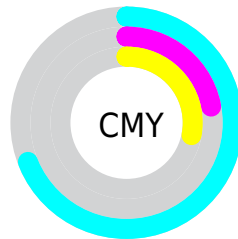
- Red (31%)
- Green (78%)
- Blue (72%)



- Red (31%)
- Yellow (56%)
- Blue (78%)



- Cyan (60%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5294264 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 5294264 by changing the saturation by 10% instead.





5294264



5294264

16777215



2993309



9306096



37251



11206655



30570



13172735



24146



15138815



17723



11813



5649



0



5294264



5294264

■ 3983541

■ 6604987

■ 2672819

■ 7915709

■ 1362096

■ 9226432

■ 51373

■ 10537155

■ 11847877

■ 13158600

■ 14469323

■ 15780045

■ 16763088

# Harmonies

## Analogous

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



8177045



5294264



3327962

# Triad

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



5294264



12495855



15116665

# Complementary

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



5294264



13127776

# 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.



16228242



5294264



14983381

# Square

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



5294264



9156857



16227251



13219185

# Rectangle

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



5294264



4375787



16227251



15574400

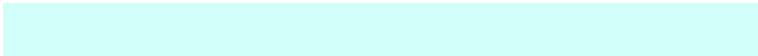


# Sweetspot

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



5294264



13762553



6342736



6520956



0



8421504



# Same Dimension

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



5294264



4718567



5283016



5923682



41869



9247



# Inverse Universe

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



13127776



16729952



13139024



6511195



10682390

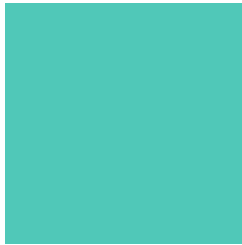


2359301



# Previews

## White Background



This preview shows how the Decimal color 5294264 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 5294264 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

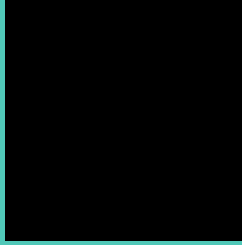
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

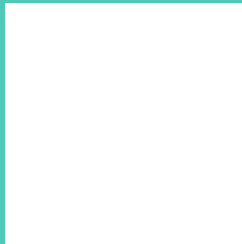
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5294264 Background



This preview shows how black text looks on a background with the Decimal color 5294264.



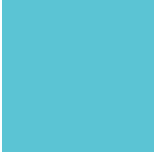
This preview shows how white text looks on a background with the Decimal color 5294264.

# 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](#).

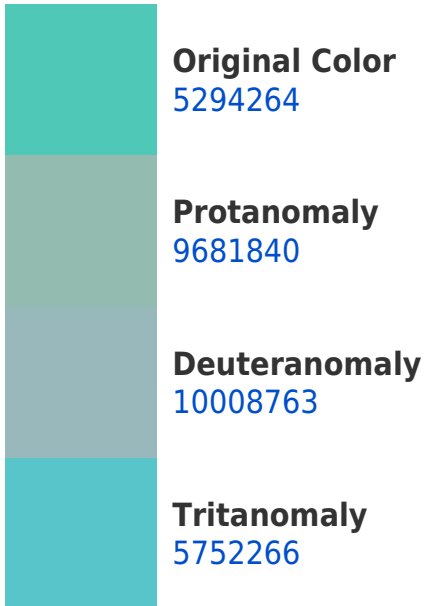
## Dichromacy





**Tritanopia**  
6014164

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5294264 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 #50C8B8 looks like.

```
.text, #text, p{  
    color:#50C8B8  
}
```

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 #50C8B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C8B8
}
```

## Border

The CSS property to change the border of an element to Decimal 5294264 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
#50C8B8 }
```

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

```
.border{ border-color:#50C8B8 }
```

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

Here you see how a box with a 4 pixel #50C8B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C8B8; -webkit-box-shadow:4px 4px  
4px 4px #50C8B8; box-shadow:4px 4px 4px  
4px #50C8B8 }
```

# Background

The CSS property to change the background color of an element to Decimal 5294264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C8B8 }
```

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

```
.background{ background-color:#50C8B8 }
```

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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