

Converting Colors

Decimal(5294015)

Have a look what the booklet for
Decimal(5294015) contains.

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Color

Decimal(5294015)

Conversions

Conversions Part 1

Format	Color
Hex	50C7BF
RGB	80, 199, 191
RGB Percent	31%, 78%, 75%
CMY	0.6863, 0.2196, 0.2510
CMYK	0.60, 0.00, 0.04, 0.22
HSL	176°, 52%, 55%
HSV	176°, 60%, 78%
XYZ	33.1357, 46.3139, 56.4833
YIQ	162.5070, -68.3560, -27.7160

Conversions

Conversions Part 2

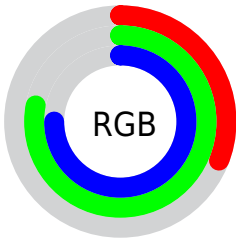
Format	Color
RYB	80, 142, 199
Decimal	5294015
CIELab	73.75, -34.95, -5.96
CIElCh	74, 35.450, 189.680
Yxy	46.3139, 0.2438, 0.3407
Android (android.graphics.Color)	4283484095 (0xFF50C7BF)
YUV	162.5070, 14.0470, -72.3586
Hunter-Lab	68.0543, -32.1834, -1.5711

Details

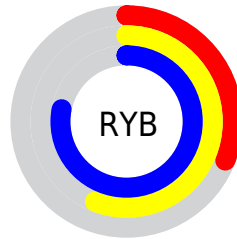
The Decimal color **5294015** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **13062232**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **9306103**, and **37002** is the 20% darker color. If you saturate the color by 10%, you get **3983294**, and if you desaturate by 10%, it is **6604736**.

Distribution



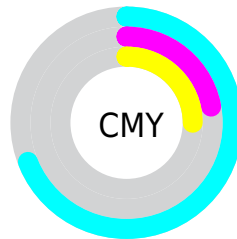
- Red (31%)
- Green (78%)
- Blue (75%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5294015 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 5294015 by changing the saturation by 10% instead.



5294015



5294015

16777215



2993060



9306103



37002



11206655



30320



13172735



23896



15138815



17729



11819



5655



0



5294015



5294015

■ 3983294

■ 6604736

■ 2672572

■ 7915458

■ 1361851

■ 9226179

■ 51130

■ 10536900

■ 11847622

■ 13092807

■ 14403528

■ 15714250

■ 16762827

Harmonies

Analogous

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



7783838



5294015



4376030

Triad

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



5294015



13085159



14593145

Complementary

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



5294015



13062232

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.



15835533



5294015



15179725

Square

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



5294015



10073589



16096428



12695412

Rectangle

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



5294015



5685740



16096428



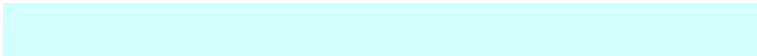
15116414

Sweetspot

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



5294015



13762556



5949264



6520958



0



8421504

Same Dimension

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



5294015



4718579



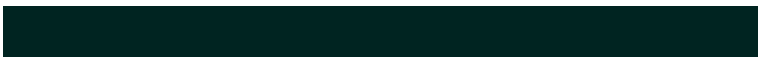
5281223



5923683



41880



9249

Inverse Universe

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



13062232



16729940



13075024



6511194



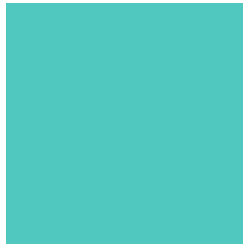
10682379



2359298

Previews

White Background



This preview shows how the Decimal color 5294015 looks on a white background.

Color Contrast Check

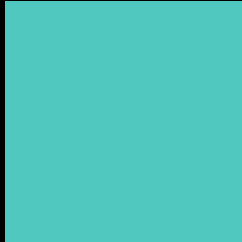
Large Text (above 18pt) WCAG AA × Fail

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 5294015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

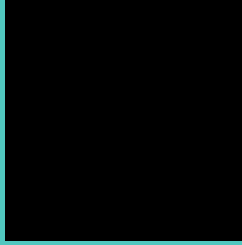
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

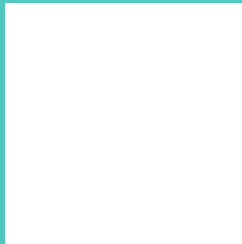
Any Text WCAG AAA ✓ Pass

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

Decimal 5294015 Background



This preview shows how black text looks on a background with the Decimal color 5294015.



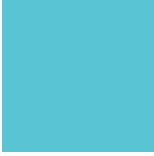
This preview shows how white text looks on a background with the Decimal color 5294015.

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
5883092

Trichromacy



Original Color
5294015



Protanomaly
9616055



Deuteranomaly
9877698



Tritanomaly
5686732

Monochromacy



Original Color
5294015



Achromatopsia
10724259



Achromatomaly
8761517

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5294015 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 #50C7BF looks like.

```
.text, #text, p{  
    color:#50C7BF  
}
```

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 #50C7BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C7BF
}
```

Border

The CSS property to change the border of an element to Decimal 5294015 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
#50C7BF }
```

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

```
.border{ border-color:#50C7BF }
```

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

Here you see how a box with a 4 pixel #50C7BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C7BF; -webkit-box-shadow:4px 4px  
4px 4px #50C7BF; box-shadow:4px 4px 4px  
4px #50C7BF }
```

Background

The CSS property to change the background color of an element to Decimal 5294015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C7BF }
```

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

```
.background{ background-color:#50C7BF }
```

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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