

Converting Colors

Decimal(5951671)

Have a look what the booklet for
Decimal(5951671) contains.

Decimal(5951671)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5951671)

Conversions

Conversions Part 1

Format	Color
Hex	5AD0B7
RGB	90, 208, 183
RGB Percent	35%, 82%, 72%
CMY	0.6471, 0.1843, 0.2824
CMYK	0.57, 0.00, 0.12, 0.18
HSL	167°, 56%, 58%
HSV	167°, 57%, 82%
XYZ	35.3196, 50.7043, 52.7251
YIQ	169.8680, -62.3030, -32.7910

Conversions

Conversions Part 2

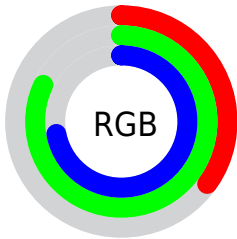
Format	Color
RYB	90, 156, 208
Decimal	5951671
CIELab	76.50, -39.24, 2.43
CIElCh	76, 39.310, 176.459
Yxy	50.7043, 0.2546, 0.3654
Android (android.graphics.Color)	4284141751 (0xFF5AD0B7)
YUV	169.8680, 6.4741, -70.0442
Hunter-Lab	71.2070, -36.0739, 5.9436

Details

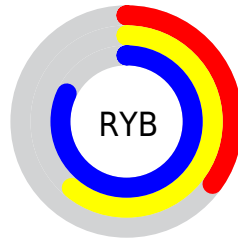
The Decimal color **5951671** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **13654643**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **9830383**, and **563586** is the 20% darker color. If you saturate the color by 10%, you get **4575411**, and if you desaturate by 10%, it is **7327931**.

Distribution



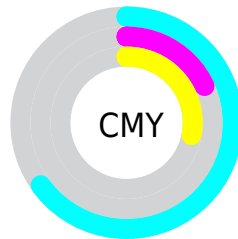
- Red (35%)
- Green (82%)
- Blue (72%)



- Red (35%)
- Yellow (61%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5951671 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 5951671 by changing the saturation by 10% instead.

 5951671

 5951671

16777215

 3847324

 9830383

 563586

 11796479

 32361

 13697023

 25937

 15663103

 19514

 13349

 7952

 0

 5951671

 5951671

■ 4575411

■ 7327931

■ 3199150

■ 8704192

■ 1888426

■ 10014916

■ 512165

■ 11391177

■ 53412

■ 12767437

■ 14143697

■ 15519958

■ 16765146

■ 16765151

Harmonies

Analogous

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



9030803



5951671



3133660

Triad

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



5951671



12301822



16100481

Complementary

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



5951671



13654643

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.



16753566



5951671



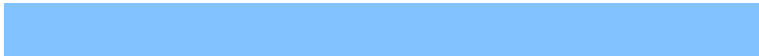
15182053

Square

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



5951671



8569599



16753091



14268788

Rectangle

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



5951671



3460592



16753091



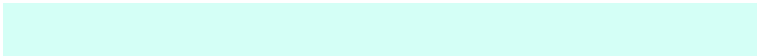
16558474

Sweetspot

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



5951671



13959158



7655514



6717562



0



8421504

Same Dimension

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



5951671



5439450



5943248



6187366



43141



10528

Inverse Universe

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



13654643



16732790



13663066



6905440



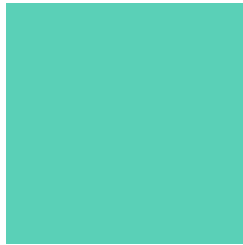
11010084



2686985

Previews

White Background



This preview shows how the Decimal color 5951671 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 5951671 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 5951671 Background



This preview shows how black text looks on a background with the Decimal color 5951671.



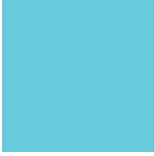
This preview shows how white text looks on a background with the Decimal color 5951671.

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](#).

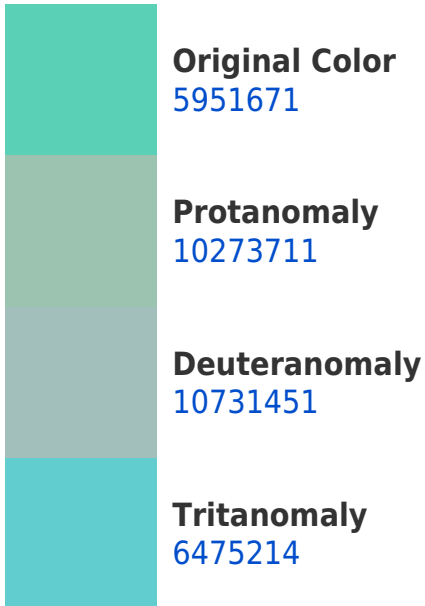
Dichromacy





Tritanopia
6802395

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5951671 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 #5AD0B7 looks like.

```
.text, #text, p{  
    color:#5AD0B7  
}
```

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 #5AD0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD0B7
}
```

Border

The CSS property to change the border of an element to Decimal 5951671 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
#5AD0B7 }
```

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

```
.border{ border-color:#5AD0B7 }
```

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

Here you see how a box with a 4 pixel #5AD0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD0B7; -webkit-box-shadow:4px 4px  
4px 4px #5AD0B7; box-shadow:4px 4px 4px  
4px #5AD0B7 }
```

Background

The CSS property to change the background color of an element to Decimal 5951671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD0B7 }
```

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

```
.background{ background-color:#5AD0B7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor