

Converting Colors

Decimal(5297606)

Have a look what the booklet for
Decimal(5297606) contains.

Decimal(5297606)	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(5297606)

Conversions

Conversions Part 1

Format	Color
Hex	50D5C6
RGB	80, 213, 198
RGB Percent	31%, 84%, 78%
CMY	0.6863, 0.1647, 0.2235
CMYK	0.62, 0.00, 0.07, 0.16
HSL	173°, 61%, 57%
HSV	173°, 62%, 84%
XYZ	37.2956, 53.3712, 61.7621
YIQ	171.5230, -74.4530, -32.8610

Conversions

Conversions Part 2

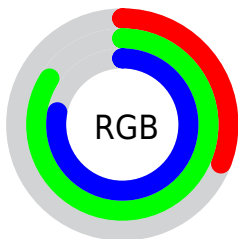
Format	Color
R _Y B	80, 150, 213
Decimal	5297606
CIE Lab	78.09, -39.52, -3.33
CIE LCh	78, 39.664, 184.813
Yxy	53.3712, 0.2447, 0.3501
Android (android.graphics.Color)	4283487686 (0xFF50D5C6)
YUV	171.5230, 13.0532, -80.2657
Hunter-Lab	73.0556, -36.7214, 1.0144




Details

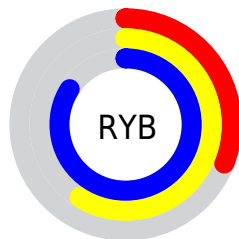
The Decimal color **5297606** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **13979743**, and the grayscale version is **11250603**.




A 20% lighter version of the original color is **9437183**, and **40592** is the 20% darker color. If you saturate the color by 10%, you get **3921348**, and if you desaturate by 10%, it is **6673864**.

Distribution







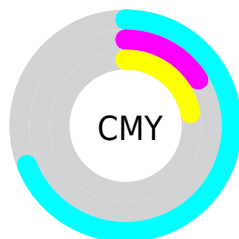
-  Red (31%)
-  Green (84%)
-  Blue (78%)






-  Red (31%)
-  Yellow (59%)
-  Blue (84%)



-  Cyan (62%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (16%)



-  Cyan (69%)
-  Magenta (16%)
-  Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5297606 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 5297606 by changing the saturation by 10% instead.

 5297606

 5297606

16777215

 2800043

 9437183

 40592

 11403263

 33655

 13369343

 26974

 15335423

 20550

 14384

 9243

 0

 5297606

 5297606

■ 3921348

■ 6673864

■ 2479553

■ 8115659

■ 1103295

■ 9491917

■ 54717

■ 10868176

■ 12309970

■ 13686228

■ 15062487

■ 16438745

■ 16766428

Harmonies

Analogous

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



8442529



5297606



3199978

Triad

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



5297606



13481470



16036991

Complementary

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



5297606



13979743

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.



16755097



5297606



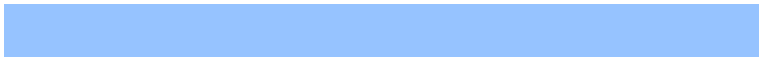
16100065

Square

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



5297606



9880575



16754108



13943159

Rectangle

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



5297606



4641020



16754108



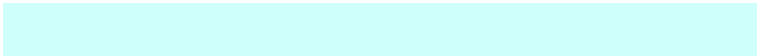
16494726

Sweetspot

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



5297606



13631482



6346064



6455420



0



8421504

Same Dimension

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



5297606



4259817



5284565



6318954



43928



11046

Inverse Universe

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



13979743



16728149



13992784



7037026



11206675



2818053

Previews

White Background



This preview shows how the Decimal color 5297606 looks on a white background.

Color Contrast Check

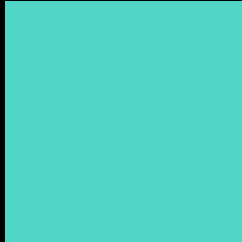
Large Text (above 18pt) WCAG AA × Fail

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 5297606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

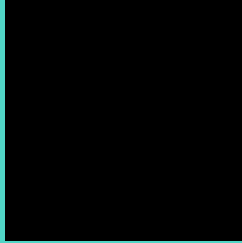
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

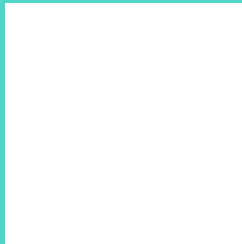
Any Text WCAG AAA ✓ Pass

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

Decimal 5297606 Background



This preview shows how black text looks on a background with the Decimal color 5297606.

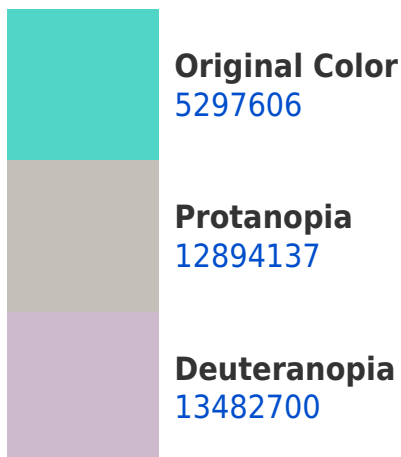


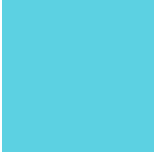
This preview shows how white text looks on a background with the Decimal color 5297606.

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
6083042

Trichromacy



Original Color
5297606



Protanomaly
10143678



Deuteranomaly
10536138

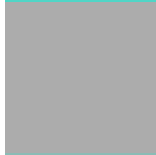


Tritanomaly
5821144

Monochromacy



Original Color
5297606



Achromatopsia
11316396



Achromatomaly
9157557

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5297606 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 #50D5C6 looks like.

```
.text, #text, p{  
    color:#50D5C6  
}
```

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 #50D5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50D5C6
}
```

Border

The CSS property to change the border of an element to Decimal 5297606 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
#50D5C6 }
```

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

```
.border{ border-color:#50D5C6 }
```

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

Here you see how a box with a 4 pixel #50D5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50D5C6; -webkit-box-shadow:4px 4px  
4px 4px #50D5C6; box-shadow:4px 4px 4px  
4px #50D5C6 }
```

Background

The CSS property to change the background color of an element to Decimal 5297606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50D5C6 }
```

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

```
.background{ background-color:#50D5C6 }
```

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