

Converting Colors

Decimal(5487819)

Have a look what the booklet for
Decimal(5487819) contains.

Decimal(5487819)	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(5487819)

Conversions

Conversions Part 1

Format	Color
Hex	53BCCB
RGB	83, 188, 203
RGB Percent	33%, 74%, 80%
CMY	0.6745, 0.2627, 0.2039
CMYK	0.59, 0.07, 0.00, 0.20
HSL	188°, 54%, 56%
HSV	188°, 59%, 80%
XYZ	32.3300, 42.1172, 62.9254
YIQ	158.3150, -67.3950, -17.5950

Conversions

Conversions Part 2

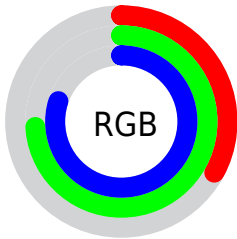
Format	Color
R _Y B	83, 139, 203
Decimal	5487819
CIE Lab	70.95, -25.76, -16.67
CIE LCh	71, 30.690, 212.910
Yxy	42.1172, 0.2353, 0.3066
Android (android.graphics.Color)	4283677899 (0xFF53BCCB)
YUV	158.3150, 22.0297, -66.0513
Hunter-Lab	64.8978, -24.6482, -12.0596

Details

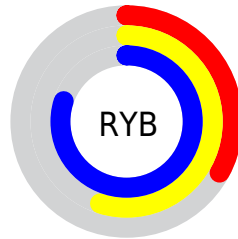
The Decimal color **5487819** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **13328979**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **9434367**, and **34453** is the 20% darker color. If you saturate the color by 10%, you get **4176331**, and if you desaturate by 10%, it is **6799307**.

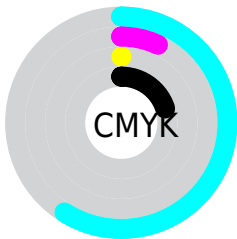
Distribution



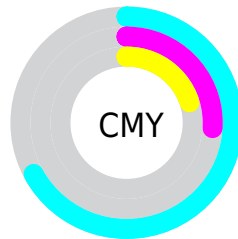
- Red (33%)
- Green (74%)
- Blue (80%)



- Red (33%)
- Yellow (55%)
- Blue (80%)



- Cyan (59%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5487819 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 5487819 by changing the saturation by 10% instead.

■ 5487819

■ 5487819

16777215

■ 3252656

■ 9434367

■ 34453

■ 11403263

■ 28027

■ 13303807

■ 21602

■ 15269887

■ 15690

■ 10036

■ 2079

■ 3

■ 0

■ 5487819

■ 5487819

■ 4176331

■ 6799307

■ 2799563

■ 8176075

■ 1488075

■ 9487563

■ 176843

■ 10798795

■ 45771

■ 12175819

■ 13487051

■ 14798539

■ 16109771

■ 16765899

Harmonies

Analogous

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



6471087



5487819



6731743

Triad

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



5487819



13934024



12561782

Complementary

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



5487819



13328979

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.



14066557



5487819



14981548

Square

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



5487819



11904477



14982033



10597758

Rectangle

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



5487819



8368869



14982033



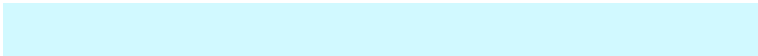
13085302

Sweetspot

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



5487819



13761023



5491553



6519936



0



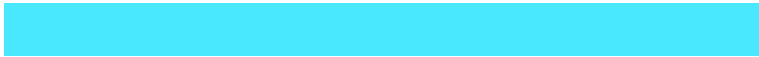
8421504

Same Dimension

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



5487819



4909311



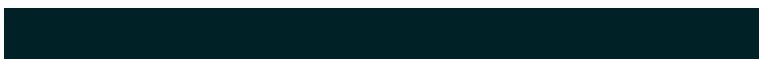
5472715



6055270



37286



8486

Inverse Universe

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



13325244



16730856



13344083



6708325



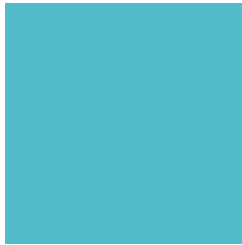
10879121



2490401

Previews

White Background



This preview shows how the Decimal color 5487819 looks on a white background.

Color Contrast Check

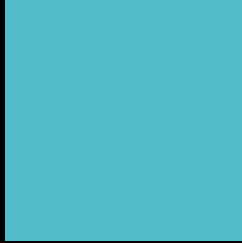
Large Text (above 18pt) WCAG AA × Fail

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 5487819 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 5487819 Background



This preview shows how black text looks on a background with the Decimal color 5487819.

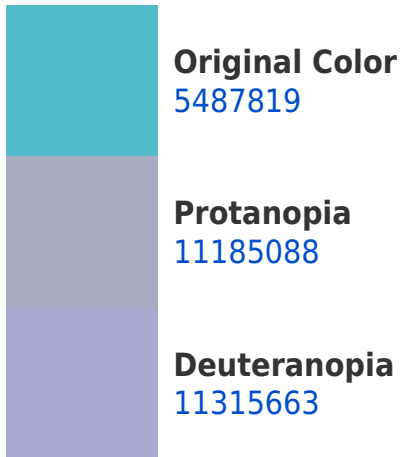


This preview shows how white text looks on a background with the Decimal color 5487819.

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
5487819

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5487819 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 #53BCCB looks like.

```
.text, #text, p{  
    color:#53BCCB  
}
```

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 #53BCCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BCCB
}
```

Border

The CSS property to change the border of an element to Decimal 5487819 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
#53BCCB }
```

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

```
.border{ border-color:#53BCCB }
```

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

Here you see how a box with a 4 pixel #53BCCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BCCB; -webkit-box-shadow:4px 4px  
4px 4px #53BCCB; box-shadow:4px 4px 4px  
4px #53BCCB }
```

Background

The CSS property to change the background color of an element to Decimal 5487819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BCCB }
```

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

```
.background{ background-color:#53BCCB }
```

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