

Converting Colors

Decimal(5354684)

Have a look what the booklet for
Decimal(5354684) contains.

Decimal(5354684)	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(5354684)

Conversions

Conversions Part 1

Format	Color
Hex	51B4BC
RGB	81, 180, 188
RGB Percent	32%, 71%, 74%
CMY	0.6824, 0.2941, 0.2627
CMYK	0.57, 0.04, 0.00, 0.26
HSL	184°, 44%, 53%
HSV	184°, 57%, 74%
XYZ	28.7917, 38.0227, 53.3986
YIQ	151.3110, -61.5720, -18.5000

Conversions

Conversions Part 2

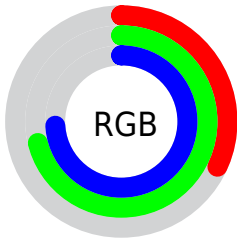
Format	Color
RYB	81, 132, 188
Decimal	5354684
CIELab	68.04, -26.43, -12.83
CIELCh	68, 29.379, 205.889
Yxy	38.0227, 0.2395, 0.3163
Android (android.graphics.Color)	4283544764 (0xFF51B4BC)
YUV	151.3110, 18.0877, -61.6627
Hunter-Lab	61.6625, -24.5636, -8.1802

Details

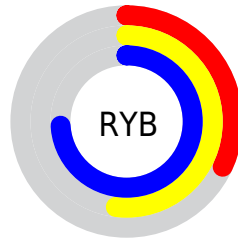
The Decimal color **5354684** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12343633**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9235700**, and **32647** is the 20% darker color. If you saturate the color by 10%, you get **4109244**, and if you desaturate by 10%, it is **6600124**.

Distribution



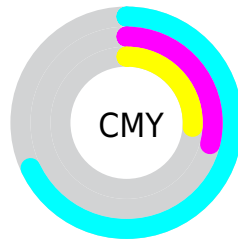
- Red (32%)
- Green (71%)
- Blue (74%)



- Red (32%)
- Yellow (52%)
- Blue (74%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (68%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5354684 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 5354684 by changing the saturation by 10% instead.

■ 5354684

■ 5354684

16777215

■ 3185057

■ 9235700

■ 32647

■ 11141119

■ 25966

■ 13041663

■ 19797

■ 15007743

■ 13886

■ 8744

■ 276

■ 0

■ 5354684

■ 5354684

■ 4109244

■ 6600124

■ 2863548

■ 7845820

■ 1683644

■ 9025724

■ 437948

■ 10271420

■ 44732

■ 11516860

■ 12762300

■ 14007996

■ 15187900

■ 16433596

Harmonies

Analogous

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



6599841



5354684



6009041

Triad

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



5354684



12883908



12362609

Complementary

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



5354684



12343633

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.



13736571



5354684



14127787

Square

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



5354684



10854613



14390160



10529654

Rectangle

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



5354684



7449817



14390160



12886131

Sweetspot

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



5354684



13366005



5356632



6453626



16448250



8026746

Same Dimension

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



5354684



5171445



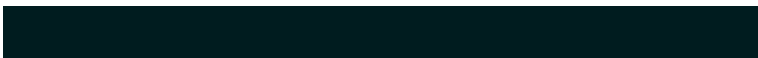
5341116



5594718



37534



7199

Inverse Universe

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



12341684



16076520



12357201



6182238



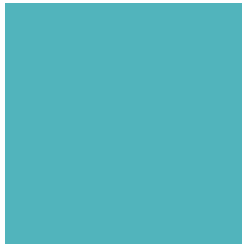
10354834



2031644

Previews

White Background



This preview shows how the Decimal color 5354684 looks on a white background.

Color Contrast Check

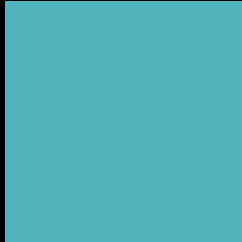
Large Text (above 18pt) WCAG AA × Fail

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 5354684 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 5354684 Background



This preview shows how black text looks on a background with the Decimal color 5354684.

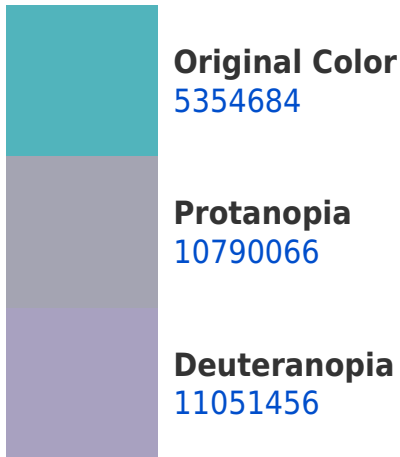


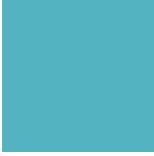
This preview shows how white text looks on a background with the Decimal color 5354684.

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
5485506

Trichromacy



Original Color
5354684



Protanomaly
8825526



Deuteranomaly
8956095



Tritanomaly
5419968

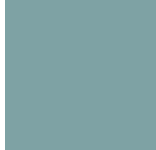
Monochromacy



Original Color
5354684



Achromatopsia
9934743



Achromatomaly
8299172

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5354684 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 #51B4BC looks like.

```
.text, #text, p{  
    color:#51B4BC  
}
```

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 #51B4BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B4BC } }
```

Border

The CSS property to change the border of an element to Decimal 5354684 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 #51B4BC } }
```

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

```
.border{ border-color:#51B4BC }
```

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

Here you see how a box with a 4 pixel #51B4BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B4BC; -webkit-box-shadow:4px 4px  
4px 4px #51B4BC; box-shadow:4px 4px 4px  
4px #51B4BC }
```

Background

The CSS property to change the background color of an element to Decimal 5354684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B4BC }
```

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

```
.background{ background-color:#51B4BC }
```

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