

# Converting Colors

Decimal(5493980)

Have a look what the booklet for  
Decimal(5493980) contains.

<b>Decimal(5493980)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(5493980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53D4DC
RGB	83, 212, 220
RGB Percent	33%, 83%, 86%
CMY	0.6745, 0.1686, 0.1373
CMYK	0.62, 0.04, 0.00, 0.14
HSL	184°, 66%, 59%
HSV	184°, 62%, 86%
XYZ	40.0290, 54.0933, 76.0414
YIQ	174.3410, -79.4520, -24.8600

# Conversions

## Conversions Part 2

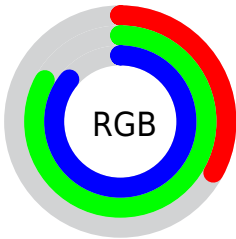
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 149, 220
Decimal	5493980
CIE <sub>Lab</sub>	78.52, -32.61, -14.48
CIE <sub>LCh</sub>	79, 35.684, 203.949
Yxy	54.0933, 0.2352, 0.3179
Android (android.graphics.Color)	4283684060 (0xFF53D4DC)
YUV	174.3410, 22.5099, -80.1061
Hunter-Lab	73.5481, -31.5595, -9.8163

# Details

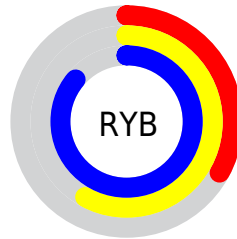
The Decimal color **5493980** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14441299**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **9633791**, and **40357** is the 20% darker color. If you saturate the color by 10%, you get **4051932**, and if you desaturate by 10%, it is **6936028**.

# Distribution



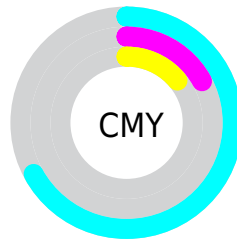
- Red (33%)
- Green (83%)
- Blue (86%)



- Red (33%)
- Yellow (58%)
- Blue (86%)



- Cyan (62%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (67%)
- Magenta (17%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5493980 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 5493980 by changing the saturation by 10% instead.



■ 5493980

■ 5493980

16777215

■ 2930880

■ 9633791

■ 40357

■ 11665407

■ 33419

■ 13631487

■ 26993

■ 15663103

■ 20569

■ 14401

■ 9259

■ 279

■ 0

■ 5493980

■ 5493980

■ 4051932

■ 6936028

■ 2609628

■ 8378332

■ 1167580

■ 9820380

■ 53212

■ 11262428

■ 12704476

■ 14146780

■ 15588828

■ 16768732

■ 16769244

# Harmonies

## Analogous

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



7394490



5493980



6213879

# Triad

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



5493980



15118826



14663296

# Complementary

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



5493980



14441299

# 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.



16298894



5493980



16689866

# Square

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



5493980



12434687



16755625



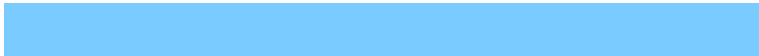
12503173

# Rectangle

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



5493980



8047615



16755625



15317635

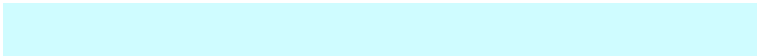


# Sweetspot

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



5493980



13630719



5495898



6454912



0



8421504



# Same Dimension

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



5493980



4257023



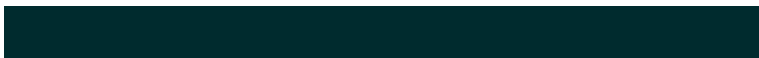
5476828



6516078



41901



11054



# Inverse Universe

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



14439380



16728308



14458451



7234413



11337891

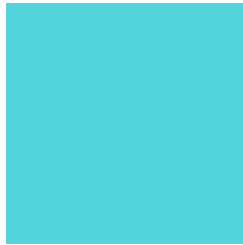


3014699



# Previews

## White Background



This preview shows how the Decimal color 5493980 looks on a white background.

## Color Contrast Check

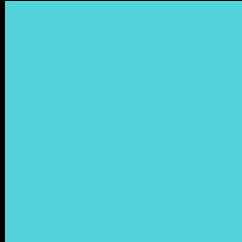
Large Text (above 18pt) WCAG AA × Fail

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 5493980 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 5493980 Background



This preview shows how black text looks on a background with the Decimal color 5493980.



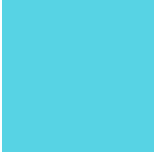
This preview shows how white text looks on a background with the Decimal color 5493980.

# 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](#).

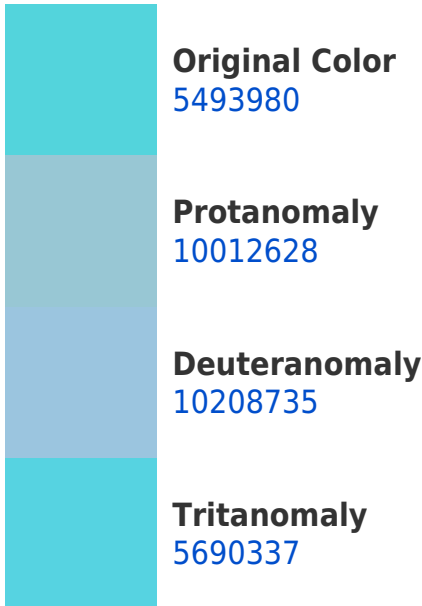
## Dichromacy



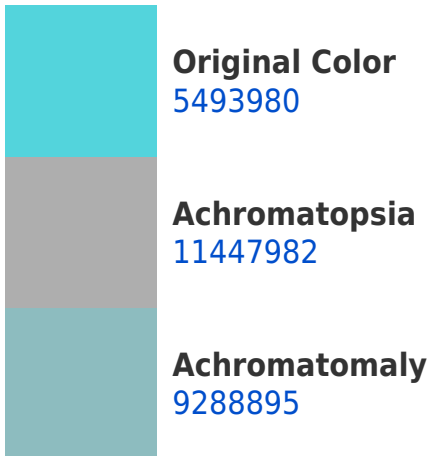


**Tritanopia**  
5755876

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5493980 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 #53D4DC looks like.

```
.text, #text, p{  
    color:#53D4DC  
}
```

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 #53D4DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53D4DC
}
```

## Border

The CSS property to change the border of an element to Decimal 5493980 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
#53D4DC }
```

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

```
.border{ border-color:#53D4DC }
```

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

Here you see how a box with a 4 pixel #53D4DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53D4DC; -webkit-box-shadow:4px 4px  
4px 4px #53D4DC; box-shadow:4px 4px 4px  
4px #53D4DC }
```

# Background

The CSS property to change the background color of an element to Decimal 5493980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53D4DC }
```

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

```
.background{ background-color:#53D4DC }
```

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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