

# Converting Colors

Decimal(5493642)

Have a look what the booklet for  
Decimal(5493642) contains.

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**Color**

**Decimal(5493642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53D38A
RGB	83, 211, 138
RGB Percent	33%, 83%, 54%
CMY	0.6745, 0.1725, 0.4588
CMYK	0.61, 0.00, 0.35, 0.17
HSL	146°, 59%, 58%
HSV	146°, 61%, 83%
XYZ	31.4490, 50.2625, 32.0889
YIQ	164.4060, -52.8550, -49.8390

# Conversions

## Conversions Part 2

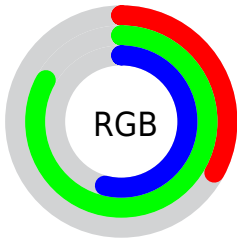
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 173, 211
Decimal	5493642
CIELab	76.23, -51.72, 25.92
CIELCh	76, 57.849, 153.378
Yxy	50.2625, 0.2764, 0.4417
Android (android.graphics.Color)	4283683722 (0xFF53D38A)
YUV	164.4060, -13.0182, -71.3931
Hunter-Lab	70.8961, -44.8868, 22.7915

# Details

The Decimal color **5493642** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **13849500**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **9437120**, and **39767** is the 20% darker color. If you saturate the color by 10%, you get **4117374**, and if you desaturate by 10%, it is **6869910**.

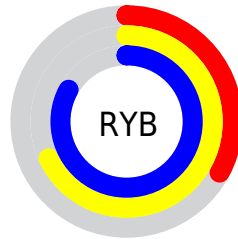
# Distribution



Red (33%)

Green (83%)

Blue (54%)



Red (33%)

Yellow (68%)

Blue (83%)

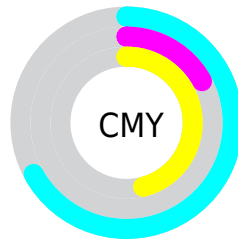


Cyan (61%)

Magenta (0%)

Yellow (35%)

Black (17%)



Cyan (67%)

Magenta (17%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5493642 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 5493642 by changing the saturation by 10% instead.





5493642



5493642

16777215



3258224



9437120



39767



11403228



33087



13303801



26408



15269887



19730



13568



7680



0



5493642



5493642

■ 4117374

■ 6869910

■ 2741106

■ 8246178

■ 1364838

■ 9622446

■ 54107

■ 10998714

■ 12374982

■ 13816786

■ 15193054

■ 16569322

■ 16765942

# Harmonies

## Analogous

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



10406495



5493642



55233

# Triad

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



5493642



6537471



16749956

# Complementary

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



5493642



13849500

# 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.



16748216



5493642



13085951

# Square

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



5493642



52991



16750573



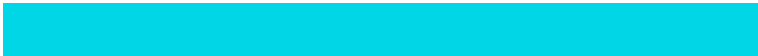
16754780

# Rectangle

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



5493642



55013



16750573



16748949

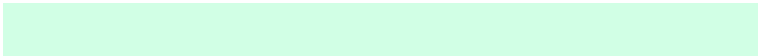


# Sweetspot

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



5493642



13762533



10408787



6520944



0



8421504



# Same Dimension

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



5493642



4587413



5493704



6187363



43080



10514



# Inverse Universe

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



13849500



16729519



13849438



6905444



11010144

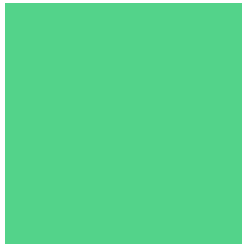


2686999



# Previews

## White Background



This preview shows how the Decimal color 5493642 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 5493642 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

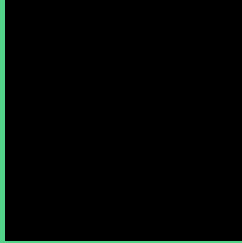
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 5493642 Background



This preview shows how black text looks on a background with the Decimal color 5493642.

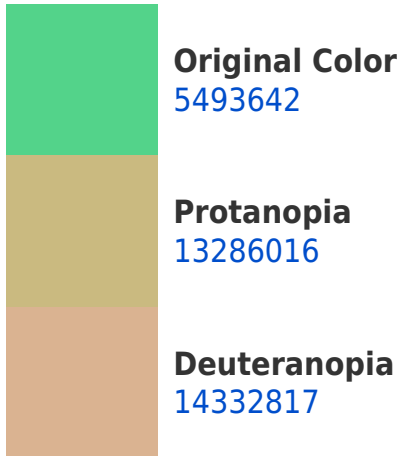


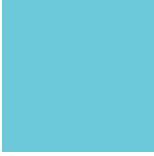
This preview shows how white text looks on a background with the Decimal color 5493642.

# 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](#).

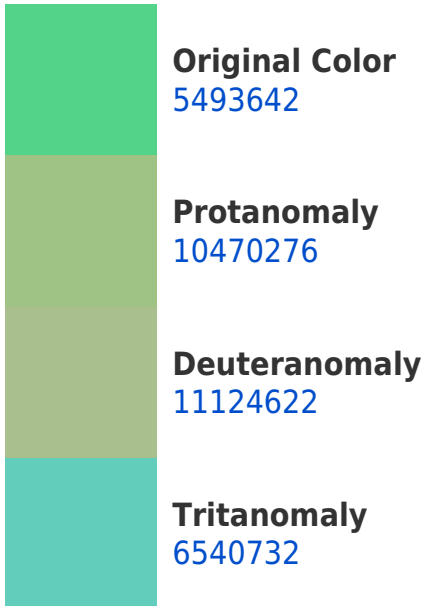
## Dichromacy





**Tritanopia**  
7129561

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5493642 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 #53D38A looks like.

```
.text, #text, p{  
    color:#53D38A  
}
```

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 #53D38A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53D38A
}
```

## Border

The CSS property to change the border of an element to Decimal 5493642 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
#53D38A }
```

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

```
.border{ border-color:#53D38A }
```

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

Here you see how a box with a 4 pixel #53D38A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53D38A; -webkit-box-shadow:4px 4px  
4px 4px #53D38A; box-shadow:4px 4px 4px  
4px #53D38A }
```

# Background

The CSS property to change the background color of an element to Decimal 5493642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53D38A }
```

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

```
.background{ background-color:#53D38A }
```

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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