

# Converting Colors

Decimal(8242574)

Have a look what the booklet for  
Decimal(8242574) contains.

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# Color

**Decimal(8242574)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DC58E
RGB	125, 197, 142
RGB Percent	49%, 77%, 56%
CMY	0.5098, 0.2275, 0.4431
CMYK	0.37, 0.00, 0.28, 0.23
HSL	134°, 38%, 63%
HSV	134°, 37%, 77%
XYZ	33.3062, 46.2455, 32.7620
YIQ	169.2020, -25.2570, -32.3690

# Conversions

## Conversions Part 2

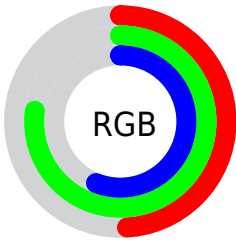
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 183, 197
Decimal	8242574
CIELab	73.70, -34.15, 20.64
CIElCh	74, 39.907, 148.849
Yxy	46.2455, 0.2965, 0.4118
Android (android.graphics.Color)	4286432654 (0xFF7DC58E)
YUV	169.2020, -13.4106, -38.7652
Hunter-Lab	68.0040, -31.5835, 19.0389

# Details

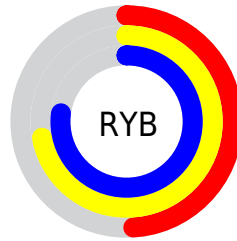
The Decimal color **8242574** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12942772**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **11861700**, and **4755291** is the 20% darker color. If you saturate the color by 10%, you get **6931839**, and if you desaturate by 10%, it is **9553309**.

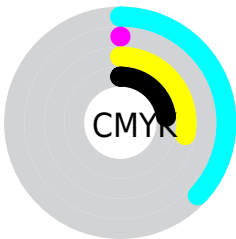
# Distribution



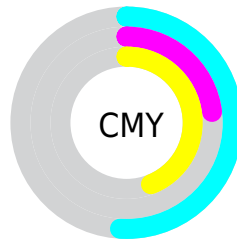
- Red (49%)
- Green (77%)
- Blue (56%)



- Red (49%)
- Yellow (72%)
- Blue (77%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8242574 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 8242574 by changing the saturation by 10% instead.





8242574



8242574

16777215



6465908



11861700



4755291



13696992



2979140



15597565



941101



17175



11264



5376



0



8242574



8242574

 6931839

 9553309

 5686640


 10798508

 4375905

 12109243

 3065170

 13419978

 1819971

 14730713

 509236

 15975912

 50479

 16762359

 16762367

# Harmonies

## Analogous

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



11124084



8242574



4901298

# Triad

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



8242574



8239614



16489364

# Complementary

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



8242574



12942772

# 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.



16357816



8242574



12037365

# Square

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



8242574



3785715



14852060



15509111

# Rectangle

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



8242574



2279883



14852060



16619935

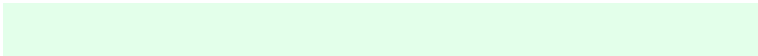


# Sweetspot

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



8242574



14942186



11847037



7307379



0



8421504

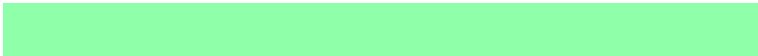


# Same Dimension

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



8242574



9437097



8242610



5923676



41767



9224



# Inverse Universe

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



12942772



16748517



12942736



6511201



10682493



2359323



# Previews

## White Background



This preview shows how the Decimal color 8242574 looks on a white background.

## Color Contrast Check

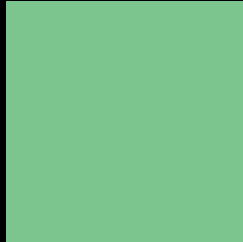
Large Text (above 18pt) WCAG AA × Fail

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 8242574 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

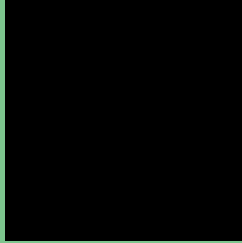
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8242574 Background



This preview shows how black text looks on a background with the Decimal color 8242574.



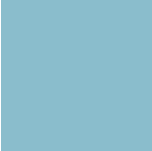
This preview shows how white text looks on a background with the Decimal color 8242574.

# 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](#).

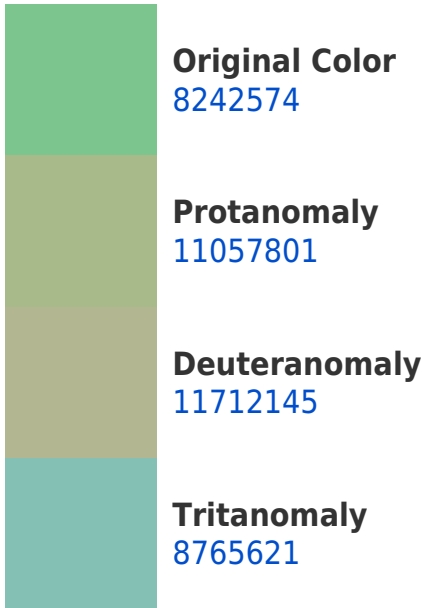
## Dichromacy



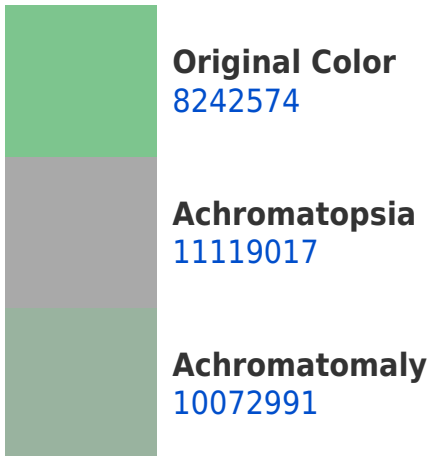


**Tritanopia**  
9092556

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8242574 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 #7DC58E looks like.

```
.text, #text, p{  
    color:#7DC58E  
}
```

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 #7DC58E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC58E
}
```

## Border

The CSS property to change the border of an element to Decimal 8242574 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
#7DC58E }
```

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

```
.border{ border-color:#7DC58E }
```

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

Here you see how a box with a 4 pixel #7DC58E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC58E; -webkit-box-shadow:4px 4px  
4px 4px #7DC58E; box-shadow:4px 4px 4px  
4px #7DC58E }
```

# Background

The CSS property to change the background color of an element to Decimal 8242574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC58E }
```

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

```
.background{ background-color:#7DC58E }
```

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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