

# Converting Colors

Decimal(8372593)

Have a look what the booklet for  
Decimal(8372593) contains.

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**Color**

**Decimal(8372593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FC171
RGB	127, 193, 113
RGB Percent	50%, 76%, 44%
CMY	0.5020, 0.2431, 0.5569
CMYK	0.34, 0.00, 0.41, 0.24
HSL	110°, 39%, 60%
HSV	110°, 41%, 76%
XYZ	30.8030, 43.8442, 22.4621
YIQ	164.1460, -13.6560, -38.8720

# Conversions

## Conversions Part 2

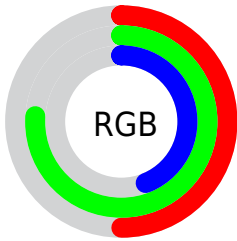
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 193, 179
Decimal	8372593
CIELab	72.12, -36.40, 33.76
CIELCh	72, 49.650, 137.154
Yxy	43.8442, 0.3172, 0.4515
Android (android.graphics.Color)	4286562673 (0xFF7FC171)
YUV	164.1460, -25.2150, -32.5770
Hunter-Lab	66.2150, -32.8385, 26.2375

# Details

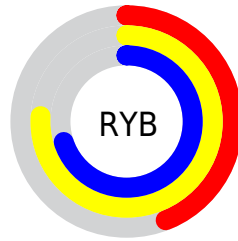
The Decimal color **8372593** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **11760065**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **11991718**, and **4885311** is the 20% darker color. If you saturate the color by 10%, you get **7323998**, and if you desaturate by 10%, it is **9421188**.

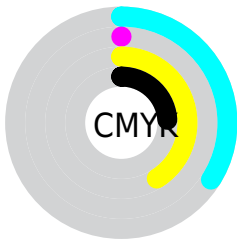
# Distribution



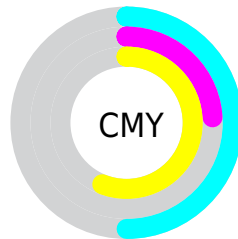
- Red (50%)
- Green (76%)
- Blue (44%)



- Red (44%)
- Yellow (76%)
- Blue (70%)



- Cyan (34%)
- Magenta (0%)
- Yellow (41%)
- Black (24%)



- Cyan (50%)
- Magenta (24%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8372593 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 8372593 by changing the saturation by 10% instead.



8372593

8372593

16777215

6596184

11991718

4885311

13828033

3109159

15728605

1136655

16777210

16384

10752

3584

0

8372593

8372593


 7323998

 9421188

 6275402

 10469784

 5226807

 11518379

 4178212

 12566974

 3129616

 13615569

 2277632

 14664165

 15647224

 16695807

 16761343

# Harmonies

## Analogous

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



11777623



8372593



3393435

# Triad

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



8372593



2341887



16747672

# Complementary

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



8372593



11760065

# 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.



16485830



8372593



9809151

# Square

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



8372593



50418



13999087



16488304

# Rectangle

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



8372593



51387



13999087



16747432

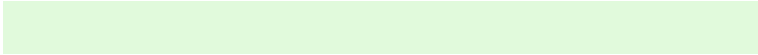


# Sweetspot

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



8372593



14809820



12694129



7306603



16579836



8224125



# Same Dimension

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



8372593



9697917



7455114



5857623



1876224



401664



# Inverse Universe

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



11760065



14974458



12677544



6248289



8716449



1769505



# Previews

## White Background



This preview shows how the Decimal color 8372593 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 8372593 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 8372593 Background



This preview shows how black text looks on a background with the Decimal color 8372593.



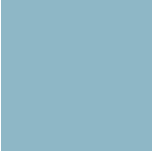
This preview shows how white text looks on a background with the Decimal color 8372593.

# 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](#).

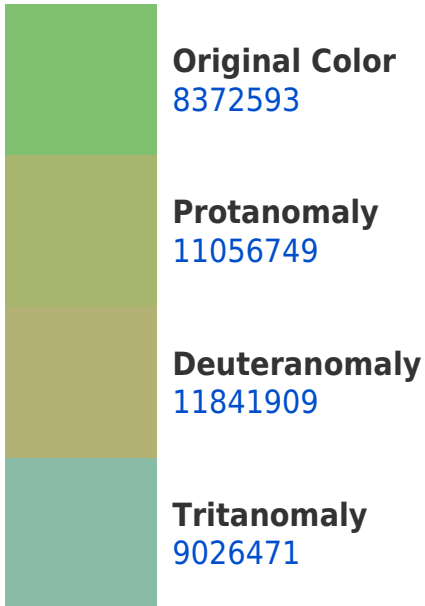
## Dichromacy





**Tritanopia**  
9353158

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8372593 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 #7FC171 looks like.

```
.text, #text, p{  
    color:#7FC171  
}
```

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 #7FC171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FC171
}
```

## Border

The CSS property to change the border of an element to Decimal 8372593 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
#7FC171 }
```

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

```
.border{ border-color:#7FC171 }
```

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

Here you see how a box with a 4 pixel #7FC171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FC171; -webkit-box-shadow:4px 4px  
4px 4px #7FC171; box-shadow:4px 4px 4px  
4px #7FC171 }
```

# Background

The CSS property to change the background color of an element to Decimal 8372593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FC171 }
```

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

```
.background{ background-color:#7FC171 }
```

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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