

# Converting Colors

Decimal(8893585)

Have a look what the booklet for  
Decimal(8893585) contains.

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# **Color**

**Decimal(8893585)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87B491
RGB	135, 180, 145
RGB Percent	53%, 71%, 57%
CMY	0.4706, 0.2941, 0.4314
CMYK	0.25, 0.00, 0.19, 0.29
HSL	133°, 23%, 62%
HSV	133°, 25%, 71%
XYZ	31.4238, 39.8377, 32.8213
YIQ	162.5550, -15.5850, -20.4250

# Conversions

## Conversions Part 2

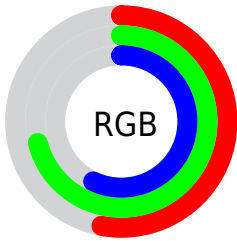
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 172, 180
Decimal	8893585
CIELab	69.35, -22.17, 13.06
CIELCh	69, 25.731, 149.494
Yxy	39.8377, 0.3019, 0.3828
Android (android.graphics.Color)	4287083665 (0xFF87B491)
YUV	162.5550, -8.6546, -24.1657
Hunter-Lab	63.1172, -21.5863, 13.3508

# Details

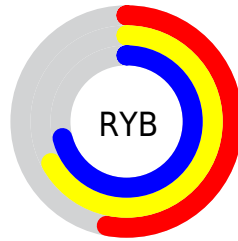
The Decimal color **8893585** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **11831210**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **12446919**, and **5537630** is the 20% darker color. If you saturate the color by 10%, you get **7713923**, and if you desaturate by 10%, it is **10073247**.

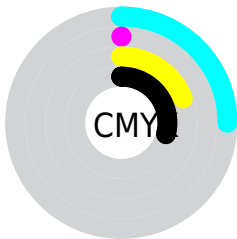
# Distribution



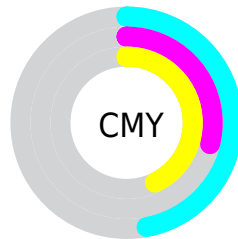
- Red (53%)
- Green (71%)
- Blue (57%)



- Red (53%)
- Yellow (67%)
- Blue (71%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)



- Cyan (47%)
- Magenta (29%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8893585 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 8893585 by changing the saturation by 10% instead.





8893585



8893585

16777215



7182711



12446919



5537630



14286819



3958343



16187391



2379312



734747



8449



0



8893585



8893585



7713923



10073247

 6534261

 11252909

 5354599

 12432571

 4174937

 13612233

 2995275

 14791895

 1815613

 15971557

 635951

 16758003

 46120

 16758015

# Harmonies

## Analogous

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



10661760



8893585



7321256

# Triad

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



8893585



9219288



14195347

# Complementary

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



8893585



11831210

# 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.



14063787



8893585



11314130

# Square

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



8893585



7320273



13081793



13541506

# Rectangle

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



8893585



6665912



13081793



14260635

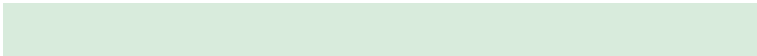


# Sweetspot

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



8893585



14216156



11187335



6976876



16119285



7697781



# Same Dimension

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



8893585



10808244



8893607



5265746



39202



6662



# Inverse Universe

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



11831210



15443163



11831188



5853271



10027127



1703956



# Previews

## White Background



This preview shows how the Decimal color 8893585 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 8893585 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

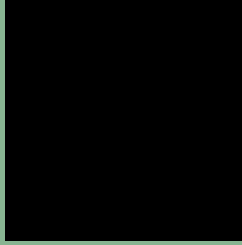
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8893585 Background



This preview shows how black text looks on a background with the Decimal color 8893585.



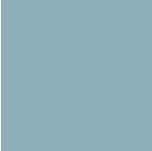
This preview shows how white text looks on a background with the Decimal color 8893585.

# 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](#).

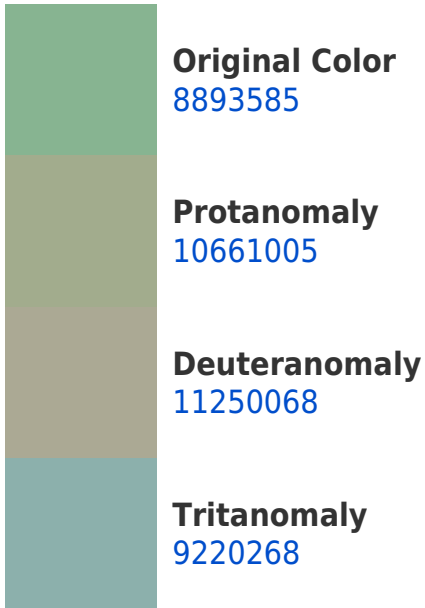
## Dichromacy



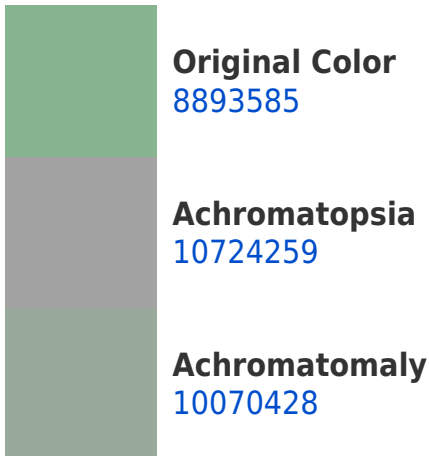


**Tritanopia**  
9416380

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8893585 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 #87B491 looks like.

```
.text, #text, p{  
    color:#87B491  
}
```

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 #87B491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B491
}
```

## Border

The CSS property to change the border of an element to Decimal 8893585 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
#87B491 }
```

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

```
.border{ border-color:#87B491 }
```

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

Here you see how a box with a 4 pixel #87B491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B491; -webkit-box-shadow:4px 4px  
4px 4px #87B491; box-shadow:4px 4px 4px  
4px #87B491 }
```

# Background

The CSS property to change the background color of an element to Decimal 8893585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B491 }
```

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

```
.background{ background-color:#87B491 }
```

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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