

# Converting Colors

Decimal(8829590)

Have a look what the booklet for  
Decimal(8829590) contains.

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# **Color**

**Decimal(8829590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86BA96
RGB	134, 186, 150
RGB Percent	53%, 73%, 59%
CMY	0.4745, 0.2706, 0.4118
CMYK	0.28, 0.00, 0.19, 0.27
HSL	138°, 27%, 63%
HSV	138°, 28%, 73%
XYZ	32.8954, 42.3882, 35.3021
YIQ	166.3480, -19.4360, -22.2200

# Conversions

## Conversions Part 2

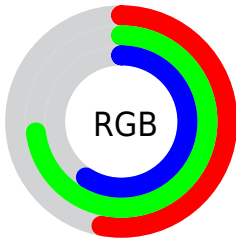
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 174, 186</a>
Decimal	<a href="#">8829590</a>
CIELab	<a href="#">71.14, -24.54, 12.84</a>
CIELCh	<a href="#">71, 27.699, 152.383</a>
Yxy	<a href="#">42.3882, 0.2975, 0.3833</a>
Android (android.graphics.Color)	<a href="#">4287019670 (0xFF86BA96)</a>
YUV	<a href="#">166.3480, -8.0596, -28.3692</a>
Hunter-Lab	<a href="#">65.1062, -23.7472, 13.4259</a>

# Details

The Decimal color **8829590** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12224170**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **12382924**, and **5473635** is the 20% darker color. If you saturate the color by 10%, you get **7584393**, and if you desaturate by 10%, it is **10074787**.

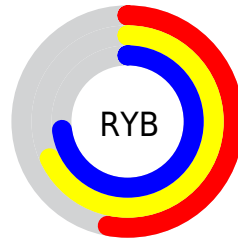
# Distribution



Red (53%)

Green (73%)

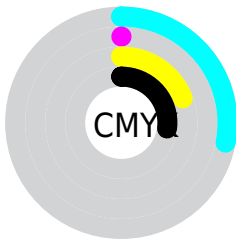
Blue (59%)



Red (53%)

Yellow (68%)

Blue (73%)

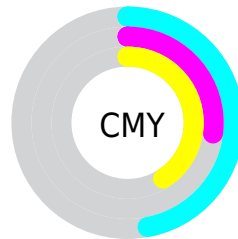


Cyan (28%)

Magenta (0%)

Yellow (19%)

Black (27%)



Cyan (47%)

Magenta (27%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8829590 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 8829590 by changing the saturation by 10% instead.





8829590



8829590

16777215



7118716



12382924



5473635



14221288



3828555



16121855



2183988



408351



9480



2048



0



8829590



8829590

■ 7584393

■ 10074787

■ 6404732

■ 11254448

■ 5159535

■ 12499645

■ 3979874

■ 13679306

■ 2734678

■ 14924502

■ 1489481

■ 16169699

■ 309820

■ 16759536

■ 47673

■ 16759549

■ 16759551

# Harmonies

## Analogous

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



10728835



8829590



7126191

# Triad

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



8829590



9548000



14720660

# Complementary

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



8829590



12224170

# 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.



14654637



8829590



11904985

# Square

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



8829590



7387098



13672390



13936002

# Rectangle

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



8829590



6470848



13672390



14785692



# Sweetspot

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



8829590



14676709



11188870



7240306



16448250



8026746



# Same Dimension

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



8829590



10547897



8829616



5463125



39984



7177



# Inverse Universe

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



12224170



15900889



12224144



6050649



10223724



1835027



# Previews

## White Background



This preview shows how the Decimal color 8829590 looks on a white background.

## Color Contrast Check

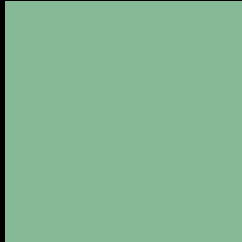
Large Text (above 18pt) WCAG AA × Fail

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 8829590 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 8829590 Background



This preview shows how black text looks on a background with the Decimal color 8829590.



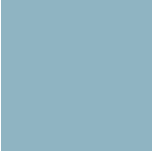
This preview shows how white text looks on a background with the Decimal color 8829590.

# 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**  
9417922

# Trichromacy



**Original Color**  
8829590

**Protanomaly**  
10859154

**Deuteranomaly**  
11447961

**Tritanomaly**  
9221810

# Monochromacy



**Original Color**  
8829590

**Achromatopsia**  
10921638

**Achromatomaly**  
10136992

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8829590 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 #86BA96 looks like.

```
.text, #text, p{  
    color:#86BA96  
}
```

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 #86BA96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BA96
}
```

## Border

The CSS property to change the border of an element to Decimal 8829590 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
#86BA96 }
```

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

```
.border{ border-color:#86BA96 }
```

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

Here you see how a box with a 4 pixel #86BA96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BA96; -webkit-box-shadow:4px 4px  
4px 4px #86BA96; box-shadow:4px 4px 4px  
4px #86BA96 }
```

# Background

The CSS property to change the background color of an element to Decimal 8829590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BA96 }
```

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

```
.background{ background-color:#86BA96 }
```

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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