

# Converting Colors

Decimal(8824493)

Have a look what the booklet for  
Decimal(8824493) contains.

<b>Decimal(8824493)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(8824493)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A6AD
RGB	134, 166, 173
RGB Percent	53%, 65%, 68%
CMY	0.4745, 0.3490, 0.3216
CMYK	0.23, 0.04, 0.00, 0.32
HSL	191°, 19%, 60%
HSV	191°, 23%, 68%
XYZ	31.0106, 35.3579, 44.7255
YIQ	157.2300, -21.3190, -4.6070

# Conversions

## Conversions Part 2

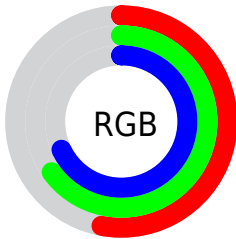
Format	Color
<a href="#">RYB</a>	<a href="#">134, 152, 173</a>
Decimal	<a href="#">8824493</a>
CIELab	<a href="#">66.03, -9.35, -7.25</a>
CIELCh	<a href="#">66, 11.829, 217.781</a>
Yxy	<a href="#">35.3579, 0.2791, 0.3183</a>
Android (android.graphics.Color)	<a href="#">4287014573 (0xFF86A6AD)</a>
YUV	<a href="#">157.2300, 7.7746, -20.3727</a>
Hunter-Lab	<a href="#">59.4625, -10.9691, -2.9720</a>

# Details

The Decimal color **8824493** is a light color, and the websafe version is hex **669999**. A complement of this color would be **11373958**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **12377572**, and **5468793** is the 20% darker color. If you saturate the color by 10%, you get **7709613**, and if you desaturate by 10%, it is **9939373**.

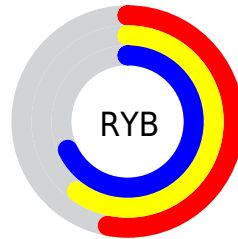
# Distribution



Red (53%)

Green (65%)

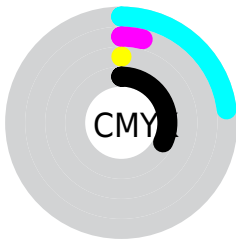
Blue (68%)



Red (53%)

Yellow (60%)

Blue (68%)

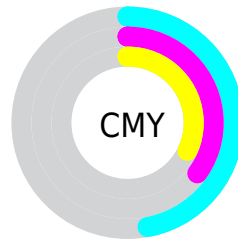


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (35%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8824493 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 8824493 by changing the saturation by 10% instead.





8824493



8824493

16777215



7113874



12377572



5468793



14220031



3889760



16056319



2376264



797746



6173



1



0



8824493



8824493

7709613

9939373

6529197

11119789

5414317

12234669

4299437

13349549

3118765

14530221

2003885

15645101

889005

16759981

36525

16760749

16761517

# Harmonies

## Analogous

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



8890275



8824493



9282740

# Triad

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



8824493



11639465



10920332

# Complementary

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



8824493



11373958

# 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.



11574669



8824493



12032414

# Square

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



8824493



10919345



11967124



10134672

# Rectangle

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



8824493



9740981



11967124



11181963



# Sweetspot

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



8824493



13754080



8826253



6778736



15790320



7368816



# Same Dimension

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



8824493



10802912



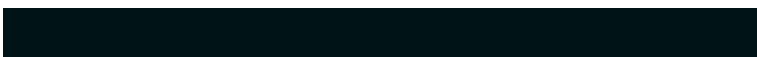
8819629



5133655



31638



4887



# Inverse Universe

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



11372198



14722262



11378822



5721685



9830523



1507347



# Previews

## White Background



This preview shows how the Decimal color 8824493 looks on a white background.

## Color Contrast Check

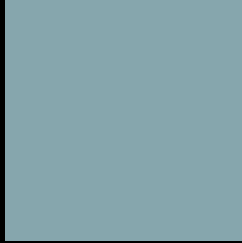
Large Text (above 18pt) WCAG AA × Fail

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 8824493 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

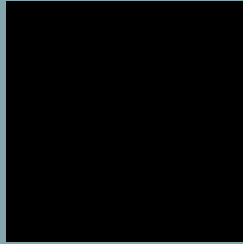
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8824493 Background



This preview shows how black text looks on a background with the Decimal color 8824493.



This preview shows how white text looks on a background with the Decimal color 8824493.

# 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](#).

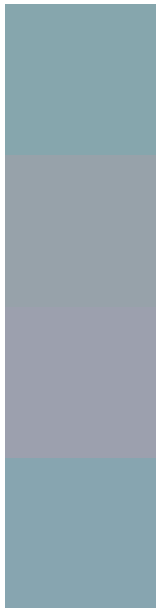
## Dichromacy





**Tritanopia**  
8889778

# Trichromacy



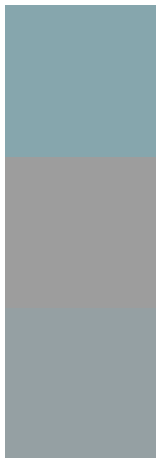
**Original Color**  
8824493

**Protanomaly**  
9937578

**Deuteranomaly**  
10264750

**Tritanomaly**  
8889776

# Monochromacy



**Original Color**  
8824493

**Achromatopsia**  
10329501

**Achromatomaly**  
9805987

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8824493 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 #86A6AD looks like.

```
.text, #text, p{  
    color:#86A6AD  
}
```

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 #86A6AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A6AD
}
```

## Border

The CSS property to change the border of an element to Decimal 8824493 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
#86A6AD }
```

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

```
.border{ border-color:#86A6AD }
```

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

Here you see how a box with a 4 pixel #86A6AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A6AD; -webkit-box-shadow:4px 4px  
4px 4px #86A6AD; box-shadow:4px 4px 4px  
4px #86A6AD }
```

# Background

The CSS property to change the background color of an element to Decimal 8824493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A6AD }
```

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

```
.background{ background-color:#86A6AD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor