

# Converting Colors

Decimal(8904360)

Have a look what the booklet for  
Decimal(8904360) contains.

<b>Decimal(8904360)</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(8904360)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87DEA8
RGB	135, 222, 168
RGB Percent	53%, 87%, 66%
CMY	0.4706, 0.1294, 0.3412
CMYK	0.39, 0.00, 0.24, 0.13
HSL	143°, 57%, 70%
HSV	143°, 39%, 87%
XYZ	43.1808, 60.2206, 46.3937
YIQ	189.8310, -34.5180, -35.2380

# Conversions

## Conversions Part 2

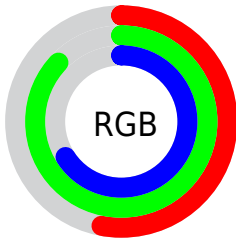
Format	Color
<a href="#">RYB</a>	<a href="#">135, 198, 222</a>
Decimal	<a href="#">8904360</a>
CIELab	<a href="#">81.96, -37.86, 18.40</a>
CIELCh	<a href="#">82, 42.091, 154.085</a>
Yxy	<a href="#">60.2206, 0.2883, 0.4020</a>
Android (android.graphics.Color)	<a href="#">4287094440 (0xFF87DEA8)</a>
YUV	<a href="#">189.8310, -10.7627, -48.0868</a>
Hunter-Lab	<a href="#">77.6019, -36.4788, 18.8753</a>

# Details

The Decimal color **8904360** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14583741**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **12582879**, and **5285492** is the 20% darker color. If you saturate the color by 10%, you get **7462554**, and if you desaturate by 10%, it is **10346166**.

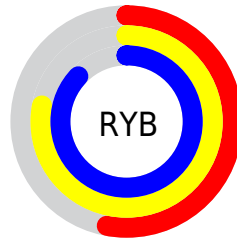
# Distribution



Red (53%)

Green (87%)

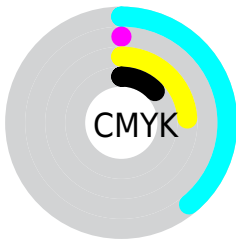
Blue (66%)



Red (53%)

Yellow (78%)

Blue (87%)

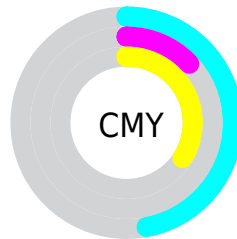


Cyan (39%)

Magenta (0%)

Yellow (24%)

Black (13%)



Cyan (47%)

Magenta (13%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8904360 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 8904360 by changing the saturation by 10% instead.



 8904360

 8904360

16777215

 7127693

 12582879

 5285492

 14483452

 3443803

 16383999

 1208899

 22573

 16407

 10752

 3328

 0

 8904360

 8904360

 7462554

 10346166

 6020748

 11787972

 4513407

 13295313

 3071601

 14737119

 1629795

 16178925

 187989

 16768763

 56916

 16768767

# Harmonies

## Analogous

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



12048265



8904360



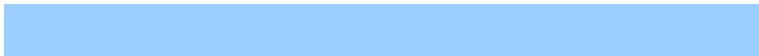
5431760

# Triad

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



8904360



10276607



16757410

# Complementary

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



8904360



14583741

# 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.



16756168



8904360



14205183

# Square

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



8904360



5822975



16757743



16760454

# Rectangle

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



8904360



3269099



16757743



16756654

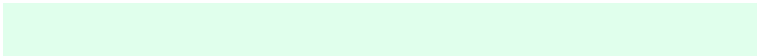


# Sweetspot

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



8904360



14745580



12508807



7241844



0



8421504

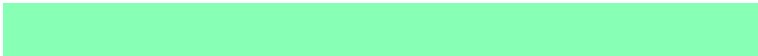


# Same Dimension

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



8904360



8912821



8904402



6647913



45123



12306



# Inverse Universe

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



14583741



16746450



14583699



7365996



11534445

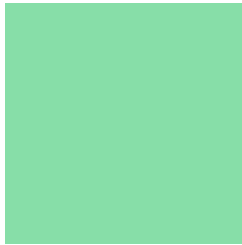


3145758



# Previews

## White Background



This preview shows how the Decimal color 8904360 looks on a white background.

## Color Contrast Check

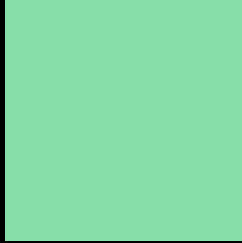
Large Text (above 18pt) WCAG AA × Fail

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 8904360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

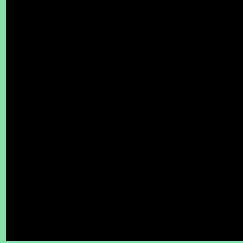
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8904360 Background



This preview shows how black text looks on a background with the Decimal color 8904360.

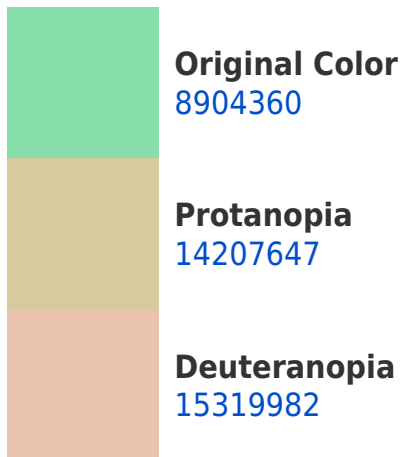


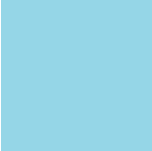
This preview shows how white text looks on a background with the Decimal color 8904360.

# 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**  
9819879

# Trichromacy



**Original Color**  
8904360



**Protanomaly**  
12308898



**Deuteranomaly**  
12963244



**Tritanomaly**  
9492944

# Monochromacy



**Original Color**  
8904360



**Achromatopsia**  
12500670



**Achromatomaly**  
11193014

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8904360 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 #87DEA8 looks like.

```
.text, #text, p{  
    color:#87DEA8  
}
```

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 #87DEA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87DEA8  
}
```

## Border

The CSS property to change the border of an element to Decimal 8904360 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  
#87DEA8 }
```

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

```
.border{ border-color:#87DEA8 }
```

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

Here you see how a box with a 4 pixel #87DEA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87DEA8; -webkit-box-shadow:4px 4px  
4px 4px #87DEA8; box-shadow:4px 4px 4px  
4px #87DEA8 }
```

# Background

The CSS property to change the background color of an element to Decimal 8904360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87DEA8 }
```

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

```
.background{ background-color:#87DEA8 }
```

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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