

Converting Colors

Decimal(8766347)

Have a look what the booklet for
Decimal(8766347) contains.

Decimal(8766347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8766347)

Conversions

Conversions Part 1

Format	Color
Hex	85C38B
RGB	133, 195, 139
RGB Percent	52%, 76%, 55%
CMY	0.4784, 0.2353, 0.4549
CMYK	0.32, 0.00, 0.29, 0.24
HSL	126°, 34%, 64%
HSV	126°, 32%, 76%
XYZ	33.8482, 45.8808, 31.4980
YIQ	170.0780, -18.9760, -30.5600

Conversions

Conversions Part 2

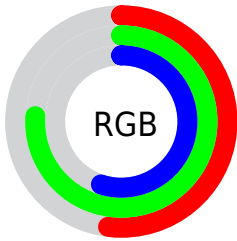
Format	Color
RYB	133, 190, 195
Decimal	8766347
CIELab	73.47, -31.23, 21.98
CIELCh	73, 38.192, 144.860
Yxy	45.8808, 0.3043, 0.4125
Android (android.graphics.Color)	4286956427 (0xFF85C38B)
YUV	170.0780, -15.3215, -32.5174
Hunter-Lab	67.7354, -29.3384, 19.8440

Details

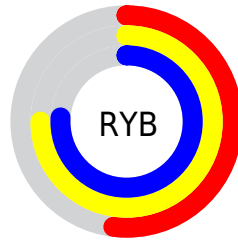
The Decimal color **8766347** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12813757**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **12385473**, and **5344601** is the 20% darker color. If you saturate the color by 10%, you get **7521145**, and if you desaturate by 10%, it is **10077085**.

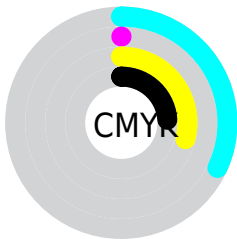
Distribution



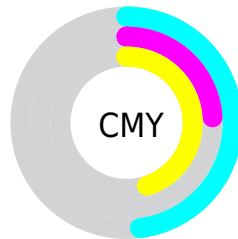
- Red (52%)
- Green (76%)
- Blue (55%)



- Red (52%)
- Yellow (75%)
- Blue (76%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)
- Black (24%)



- Cyan (48%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8766347 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 8766347 by changing the saturation by 10% instead.



8766347



8766347

16777215



7055473



12385473



5344601



14221277



3633985



16121849



1923626



16916



11008



5120



0



8766347



8766347

 7521145

 10077085

 6210408

 11322286


 4965206

 12633024

 3654469

 13878225

 2409267

 15188963

 1098529

 16434165

 49939

 16761855

Harmonies

Analogous

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



11451252



8766347



5818285

Triad

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



8766347



7912186



16358297

Complementary

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



8766347



12813757

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.



16030396



8766347



11579124

Square

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



8766347



4047597



14393821



15508604

Rectangle

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



8766347



3721157



14393821



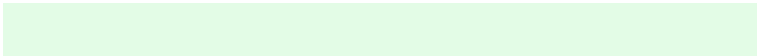
16358052

Sweetspot

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



8766347



14941414



12501893



7372914



0



8421504

Same Dimension

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



8766347



10353830



8766377



5726552



41232



8451

Inverse Universe

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



12813757



16555507



12813727



6379360



10551441



2162718

Previews

White Background



This preview shows how the Decimal color 8766347 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 8766347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

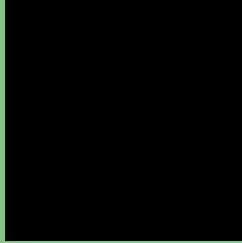
Any Text WCAG AA ✓ Pass

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 8766347 Background



This preview shows how black text looks on a background with the Decimal color 8766347.

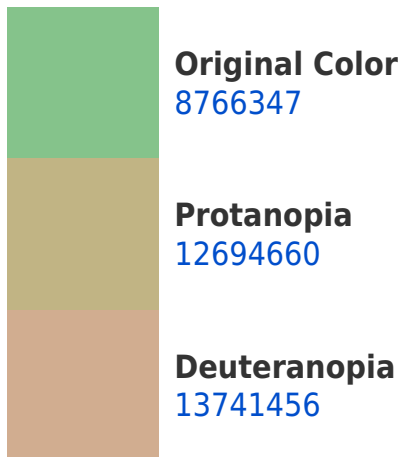


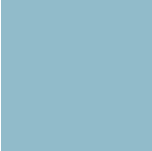
This preview shows how white text looks on a background with the Decimal color 8766347.

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
9550794

Trichromacy



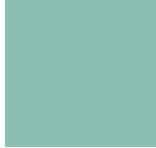
Original Color
8766347



Protanomaly
11254151



Deuteranomaly
11908494



Tritanomaly
9289395

Monochromacy



Original Color
8766347



Achromatopsia
11184810



Achromatomaly
10335135

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8766347 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 #85C38B looks like.

```
.text, #text, p{  
    color:#85C38B  
}
```

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 #85C38B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C38B
}
```

Border

The CSS property to change the border of an element to Decimal 8766347 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
#85C38B }
```

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

```
.border{ border-color:#85C38B }
```

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

Here you see how a box with a 4 pixel #85C38B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C38B; -webkit-box-shadow:4px 4px  
4px 4px #85C38B; box-shadow:4px 4px 4px  
4px #85C38B }
```

Background

The CSS property to change the background color of an element to Decimal 8766347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C38B }
```

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

```
.background{ background-color:#85C38B }
```

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