

# Converting Colors

Decimal(8906421)

Have a look what the booklet for  
Decimal(8906421) contains.

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# **Color**

**Decimal(8906421)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87E6B5
RGB	135, 230, 181
RGB Percent	53%, 90%, 71%
CMY	0.4706, 0.0980, 0.2902
CMYK	0.41, 0.00, 0.21, 0.10
HSL	149°, 66%, 72%
HSV	149°, 41%, 90%
XYZ	46.6290, 65.0807, 53.8203
YIQ	196.0090, -40.8910, -35.3790

# Conversions

## Conversions Part 2

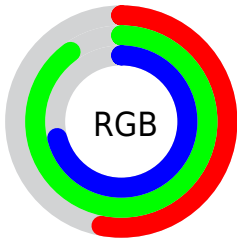
Format	Color
<a href="#">RYB</a>	<a href="#">135, 199, 230</a>
Decimal	<a href="#">8906421</a>
CIELab	<a href="#">84.53, -38.95, 15.19</a>
CIELCh	<a href="#">85, 41.809, 158.703</a>
Yxy	<a href="#">65.0807, 0.2817, 0.3932</a>
Android (android.graphics.Color)	<a href="#">4287096501 (0xFF87E6B5)</a>
YUV	<a href="#">196.0090, -7.3994, -53.5049</a>
Hunter-Lab	<a href="#">80.6726, -38.0036, 16.9158</a>

# Details

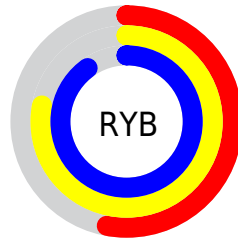
The Decimal color **8906421** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **15108024**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **12648429**, and **5222016** is the 20% darker color. If you saturate the color by 10%, you get **7399081**, and if you desaturate by 10%, it is **10413761**.

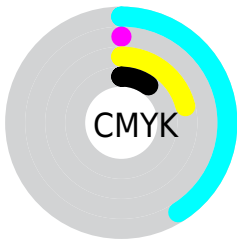
# Distribution



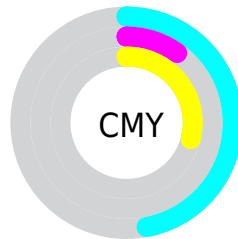
- Red (53%)
- Green (90%)
- Blue (71%)



- Red (53%)
- Yellow (78%)
- Blue (90%)



- Cyan (41%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)



- Cyan (47%)
- Magenta (10%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8906421 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 8906421 by changing the saturation by 10% instead.



 8906421

 8906421

16777215

 7064218

 12648429

 5222016

 14548991

 3314535

 16449535

 620879

 24376

 18210

 12045

 6144

 0

 8906421

 8906421

 7399081

 10413761

 5891741

 11921101

 4384401

 13428441

 2877062

 14935780

 1369722

 16443120

 58991

 16770812

 16770815

# Harmonies

## Analogous

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



12050324



8906421



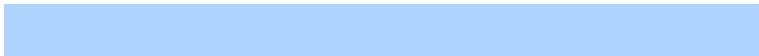
5630174

# Triad

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



8906421



11457535



16759459

# Complementary

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



8906421



15108024

# 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.



16758217



8906421



15189503

# Square

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



8906421



7200767



16759280



16762762

# Rectangle

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



8906421



4057079



16759280



16758703

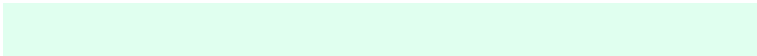


# Sweetspot

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



8906421



14745583



12117639



7241846



0



8421504



# Same Dimension

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



8906421



8454077



8906468



6779757



45910



13081



# Inverse Universe

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



15108024



16744641



15107977



7563117



11731036

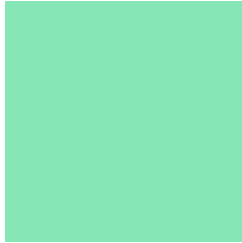


3342362



# Previews

## White Background



This preview shows how the Decimal color 8906421 looks on a white background.

## Color Contrast Check

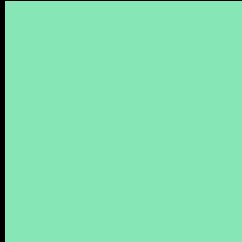
Large Text (above 18pt) WCAG AA × Fail

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 8906421 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 8906421 Background



This preview shows how black text looks on a background with the Decimal color 8906421.

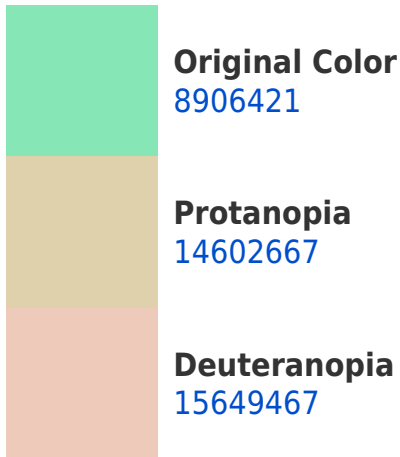



This preview shows how white text looks on a background with the Decimal color 8906421.

# 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



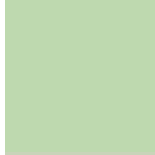


**Tritanopia**  
9821936

# Trichromacy



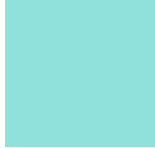
**Original Color**  
8906421



**Protanomaly**  
12507567



**Deuteranomaly**  
13227193

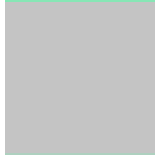


**Tritanomaly**  
9495003

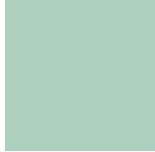
# Monochromacy



**Original Color**  
8906421



**Achromatopsia**  
12895428



**Achromatomaly**  
11456703

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8906421 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 #87E6B5 looks like.

```
.text, #text, p{  
    color:#87E6B5  
}
```

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 #87E6B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E6B5
}
```

## Border

The CSS property to change the border of an element to Decimal 8906421 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
#87E6B5 }
```

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

```
.border{ border-color:#87E6B5 }
```

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

Here you see how a box with a 4 pixel #87E6B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E6B5; -webkit-box-shadow:4px 4px  
4px 4px #87E6B5; box-shadow:4px 4px 4px  
4px #87E6B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 8906421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E6B5 }
```

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

```
.background{ background-color:#87E6B5 }
```

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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