

# Converting Colors

Decimal(8764601)

Have a look what the booklet for  
Decimal(8764601) contains.

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# **Color**

**Decimal(8764601)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 85BCB9                       |
| RGB         | 133, 188, 185                |
| RGB Percent | 52%, 74%, 73%                |
| CMY         | 0.4784, 0.2627, 0.2745       |
| CMYK        | 0.29, 0.00, 0.02, 0.26       |
| HSL         | 177°, 29%, 63%               |
| HSV         | 177°, 29%, 74%               |
| XYZ         | 36.4130, 44.4558, 52.5606    |
| YIQ         | 171.2130, -31.8170, -12.5930 |

# Conversions

## Conversions Part 2

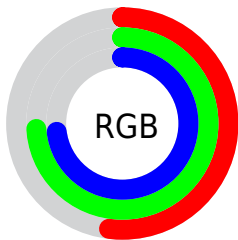
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">133, 161, 188</a>                  |
| Decimal                             | <a href="#">8764601</a>                        |
| CIELab                              | <a href="#">72.53, -18.46, -4.25</a>           |
| CIELCh                              | <a href="#">73, 18.945, 192.961</a>            |
| Yxy                                 | <a href="#">44.4558, 0.2729,<br/>0.3332</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4286954681<br/>(0xFF85BCB9)</a>    |
| YUV                                 | <a href="#">171.2130, 6.7970,<br/>-33.5128</a> |
| Hunter-Lab                          | <a href="#">66.6752, -19.1980,<br/>-0.0662</a> |

# Details

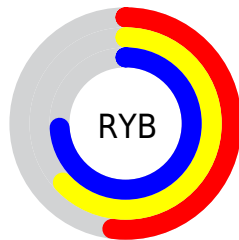
The Decimal color **8764601** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12354952**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **12383473**, and **5343108** is the 20% darker color. If you saturate the color by 10%, you get **7519416**, and if you desaturate by 10%, it is **10009786**.

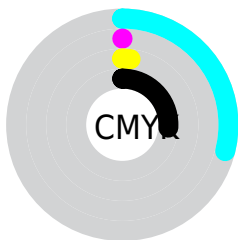
# Distribution



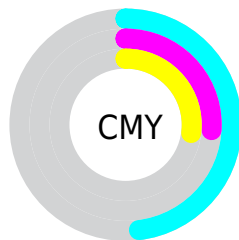
- Red (52%)
- Green (74%)
- Blue (73%)



- Red (52%)
- Yellow (63%)
- Blue (74%)



- Cyan (29%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (48%)
- Magenta (26%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8764601 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 8764601 by changing the saturation by 10% instead.





8764601



8764601

16777215



7053726



12383473



5343108



14221311



3632491



16121855



1922387



15676



10022



4369



0



8764601



8764601

7519416

10009786

6274231

11254971

5094582

12434620

3849397

13679805

2604212

14924990

1359027

16170175

113842

16760000

48306

16760001

16760002

# Harmonies

## Analogous

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



9550759



8764601



8764105

# Triad

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



8764601



12495819



13217169

# Complementary

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



8764601



12354952

# 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.



13936795



8764601



13608892

# Square

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



8764601



11055571



14067371



12104592

# Rectangle

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



8764601



9287888



14067371



13479060

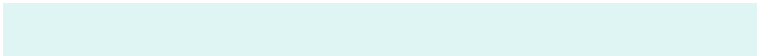


# Sweetspot

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



8764601



14677492



9026693



7174778



16448250



8026746



# Same Dimension

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



8764601



10483184



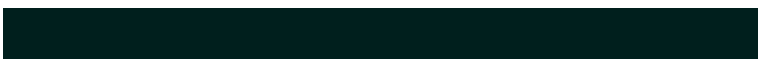
8758460



5594718



40597



7965



# Inverse Universe

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



12354952



16097188



12361093



6182229



10354697

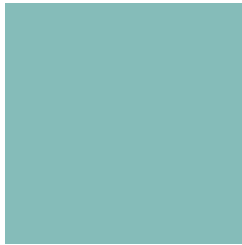


2031618



# Previews

## White Background



This preview shows how the Decimal color 8764601 looks on a white background.

## Color Contrast Check

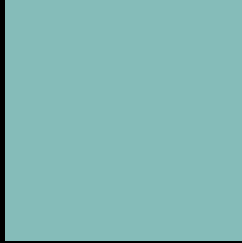
Large Text (above 18pt) WCAG AA × Fail

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 8764601 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 8764601 Background



This preview shows how black text looks on a background with the Decimal color 8764601.



This preview shows how white text looks on a background with the Decimal color 8764601.

# 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**  
9026249

# Trichromacy



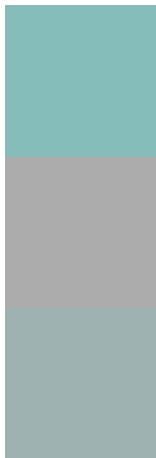
**Original Color**  
8764601

**Protanomaly**  
10728629

**Deuteranomaly**  
11121339

**Tritanomaly**  
8960963

# Monochromacy



**Original Color**  
8764601

**Achromatopsia**  
11250603

**Achromatomaly**  
10334640

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8764601 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 #85BCB9 looks like.

```
.text, #text, p{  
    color:#85BCB9  
}
```

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 #85BCB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85BCB9
}
```

## Border

The CSS property to change the border of an element to Decimal 8764601 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
#85BCB9 }
```

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

```
.border{ border-color:#85BCB9 }
```

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

Here you see how a box with a 4 pixel #85BCB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85BCB9; -webkit-box-shadow:4px 4px  
4px 4px #85BCB9; box-shadow:4px 4px 4px  
4px #85BCB9 }
```

# Background

The CSS property to change the background color of an element to Decimal 8764601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85BCB9 }
```

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

```
.background{ background-color:#85BCB9 }
```

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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