

# Converting Colors

Decimal(8763326)

Have a look what the booklet for  
Decimal(8763326) contains.

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# **Color**

**Decimal(8763326)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85B7BE
RGB	133, 183, 190
RGB Percent	52%, 72%, 75%
CMY	0.4784, 0.2824, 0.2549
CMYK	0.30, 0.04, 0.00, 0.25
HSL	187°, 30%, 63%
HSV	187°, 30%, 75%
XYZ	35.9006, 42.5712, 55.0401
YIQ	168.8480, -32.0470, -8.4230

# Conversions

## Conversions Part 2

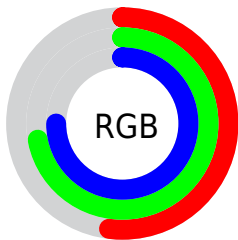
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 160, 190</a>
Decimal	<a href="#">8763326</a>
CIELab	<a href="#">71.26, -14.70, -8.87</a>
CIELCh	<a href="#">71, 17.170, 211.091</a>
Yxy	<a href="#">42.5712, 0.2689, 0.3189</a>
Android (android.graphics.Color)	<a href="#">4286953406 (0xFF85B7BE)</a>
YUV	<a href="#">168.8480, 10.4279, -31.4387</a>
Hunter-Lab	<a href="#">65.2466, -15.9656, -4.3426</a>

# Details

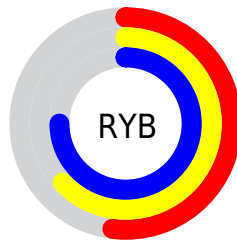
The Decimal color **8763326** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12487813**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **12382198**, and **5341833** is the 20% darker color. If you saturate the color by 10%, you get **7517630**, and if you desaturate by 10%, it is **10009022**.

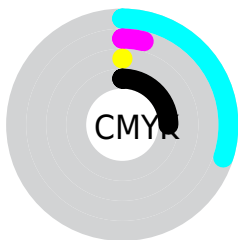
# Distribution



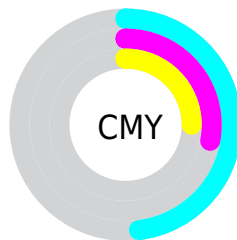
- Red (52%)
- Green (72%)
- Blue (75%)



- Red (52%)
- Yellow (63%)
- Blue (75%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (48%)
- Magenta (28%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8763326 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 8763326 by changing the saturation by 10% instead.





8763326



8763326

16777215



7052451



12382198



5341833



14221311



3631471



16121855



1921367



14656



9258



2582



0



8763326



8763326

■ 7517630

■ 10009022

■ 6271678

■ 11254974

■ 5025982

■ 12500670

■ 3780286

■ 13746366

■ 2534334

■ 14992318

■ 1288638

■ 16238014

■ 42942

■ 16762814

■ 16763582

■ 16764094

# Harmonies

## Analogous

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



9091246



8763326



9286857

# Triad

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



8763326



12887742



12234383

# Complementary

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



8763326



12487813

# 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.



13150356



8763326



13542574

# Square

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



8763326



11709129



13608351



11121300

# Rectangle

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



8763326



9941453



13608351



12561552



# Sweetspot

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



8763326



14808567



8765068



7306109



16579836



8224125



# Same Dimension

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



8763326



10415351



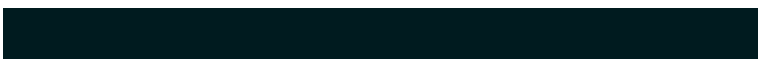
8756158



5594462



35742



6943



# Inverse Universe

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



12486071



16228076



12494981



6182237



10354827

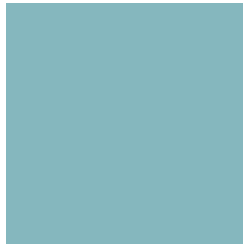


2031643



# Previews

## White Background



This preview shows how the Decimal color 8763326 looks on a white background.

## Color Contrast Check

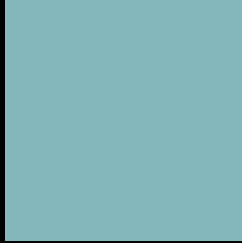
Large Text (above 18pt) WCAG AA × Fail

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 8763326 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

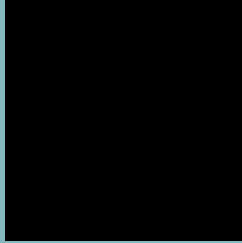
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

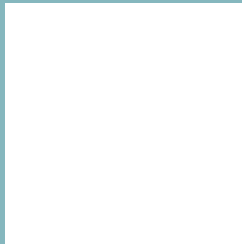
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8763326 Background



This preview shows how black text looks on a background with the Decimal color 8763326.



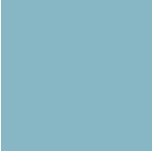
This preview shows how white text looks on a background with the Decimal color 8763326.

# 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**  
8894149

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8763326 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 #85B7BE looks like.

```
.text, #text, p{  
    color:#85B7BE  
}
```

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 #85B7BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B7BE
}
```

## Border

The CSS property to change the border of an element to Decimal 8763326 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
#85B7BE }
```

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

```
.border{ border-color:#85B7BE }
```

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

Here you see how a box with a 4 pixel #85B7BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B7BE; -webkit-box-shadow:4px 4px  
4px 4px #85B7BE; box-shadow:4px 4px 4px  
4px #85B7BE }
```

# Background

The CSS property to change the background color of an element to Decimal 8763326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B7BE }
```

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

```
.background{ background-color:#85B7BE }
```

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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