

# Converting Colors

Decimal(8763317)

Have a look what the booklet for  
Decimal(8763317) contains.

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# **Color**

**Decimal(8763317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85B7B5
RGB	133, 183, 181
RGB Percent	52%, 72%, 71%
CMY	0.4784, 0.2824, 0.2902
CMYK	0.27, 0.00, 0.01, 0.28
HSL	178°, 26%, 62%
HSV	178°, 27%, 72%
XYZ	34.9468, 42.1897, 50.0176
YIQ	167.8220, -29.1580, -11.2220

# Conversions

## Conversions Part 2

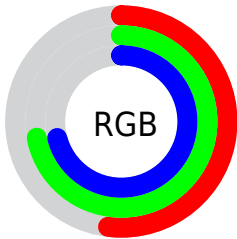
Format	Color
<a href="#">RYB</a>	<a href="#">133, 159, 183</a>
Decimal	<a href="#">8763317</a>
CIELab	<a href="#">71.00, -16.81, -4.32</a>
CIELCh	<a href="#">71, 17.351, 194.402</a>
Yxy	<a href="#">42.1897, 0.2748, 0.3318</a>
Android (android.graphics.Color)	<a href="#">4286953397 (0xFF85B7B5)</a>
YUV	<a href="#">167.8220, 6.4968, -30.5389</a>
Hunter-Lab	<a href="#">64.9536, -17.6309, -0.1888</a>

# Details

The Decimal color **8763317** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12027271**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **12316653**, and **5341824** is the 20% darker color. If you saturate the color by 10%, you get **7583668**, and if you desaturate by 10%, it is **9942966**.

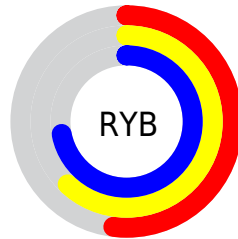
# Distribution



Red (52%)

Green (72%)

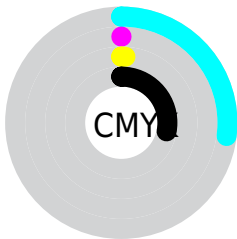
Blue (71%)



Red (52%)

Yellow (62%)

Blue (72%)

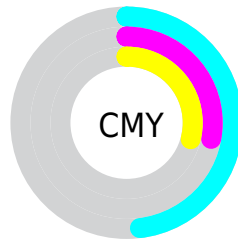


Cyan (27%)

Magenta (0%)

Yellow (1%)

Black (28%)



Cyan (48%)

Magenta (28%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8763317 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 8763317 by changing the saturation by 10% instead.





8763317



8763317

16777215



7052442



12316653



5341824



14221311



3696999



16056319



2052175



80184



8995



1806



0



8763317



8763317

7583668

9942966

6338484

11188150

5158835

12367799

3979186

13547448

2799537

14792633

1554353

15972281

374704

16758714

47024

16758715

16758716

# Harmonies

## Analogous

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



9418405



8763317



8828355

# Triad

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



8763317



12232644



12757648

# Complementary

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



8763317



12027271

# 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.



13411736



8763317



13214903

# Square

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



8763317



10923468



13607847



11710351

# Rectangle

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



8763317



9286602



13607847



13019282



# Sweetspot

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



8763317



14347756



8959877



7108727



16250871



7895160



# Same Dimension

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



8763317



10481130



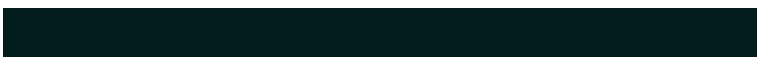
8757687



5463131



40085



7195



# Inverse Universe

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



12027271



15572898



12032901



6050643



10223622

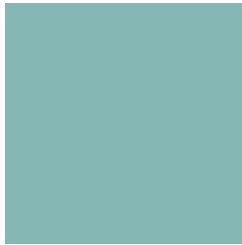


1835009



# Previews

## White Background



This preview shows how the Decimal color 8763317 looks on a white background.

## Color Contrast Check

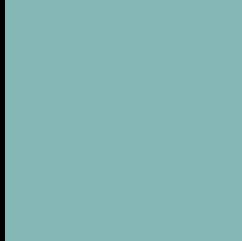
Large Text (above 18pt) WCAG AA × Fail

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 8763317 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

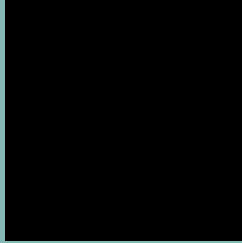
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8763317 Background



This preview shows how black text looks on a background with the Decimal color 8763317.



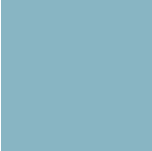
This preview shows how white text looks on a background with the Decimal color 8763317.

# 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**  
8959427

# Trichromacy



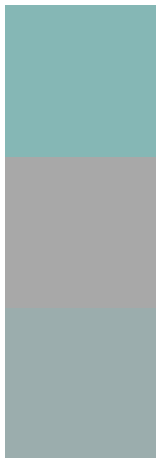
**Original Color**  
8763317

**Protanomaly**  
10530993

**Deuteranomaly**  
10923447

**Tritanomaly**  
8894142

# Monochromacy



**Original Color**  
8763317

**Achromatopsia**  
11053224

**Achromatomaly**  
10202541

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8763317 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 #85B7B5 looks like.

```
.text, #text, p{  
    color:#85B7B5  
}
```

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 #85B7B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B7B5
}
```

## Border

The CSS property to change the border of an element to Decimal 8763317 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
#85B7B5 }
```

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

```
.border{ border-color:#85B7B5 }
```

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

Here you see how a box with a 4 pixel #85B7B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B7B5; -webkit-box-shadow:4px 4px  
4px 4px #85B7B5; box-shadow:4px 4px 4px  
4px #85B7B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 8763317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B7B5 }
```

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

```
.background{ background-color:#85B7B5 }
```

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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