

# Converting Colors

Decimal(8563109)

Have a look what the booklet for  
Decimal(8563109) contains.

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# **Color**

**Decimal(8563109)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82A9A5
RGB	130, 169, 165
RGB Percent	51%, 66%, 65%
CMY	0.4902, 0.3373, 0.3529
CMYK	0.23, 0.00, 0.02, 0.34
HSL	174°, 18%, 59%
HSV	174°, 23%, 66%
XYZ	30.1854, 35.8384, 40.9239
YIQ	156.8830, -21.9600, -9.5120

# Conversions

## Conversions Part 2

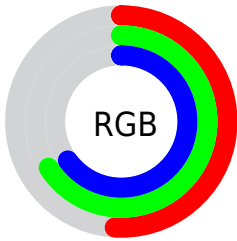
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 151, 169
Decimal	8563109
CIELab	66.40, -14.02, -2.27
CIElCh	66, 14.207, 189.201
Yxy	35.8384, 0.2822, 0.3351
Android (android.graphics.Color)	4286753189 (0xFF82A9A5)
YUV	156.8830, 4.0017, -23.5764
Hunter-Lab	59.8652, -14.7601, 1.3749

# Details

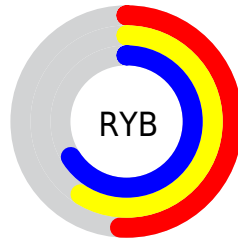
The Decimal color **8563109** is a light color, and the websafe version is hex **669999**. A complement of this color would be **11108998**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **12116188**, and **5207409** is the 20% darker color. If you saturate the color by 10%, you get **7448995**, and if you desaturate by 10%, it is **9677223**.

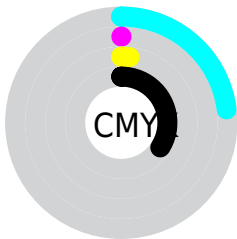
# Distribution



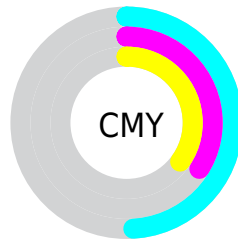
- Red (51%)
- Green (66%)
- Blue (65%)



- Red (51%)
- Yellow (59%)
- Blue (66%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)



- Cyan (49%)
- Magenta (34%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8563109 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 8563109 by changing the saturation by 10% instead.





8563109



8563109

16777215



6852235



12116188



5207409



13958648



3628121



15794175



2114625



470571



6679



0



8563109



8563109



7448995



9677223

6334882

10791336

5220768

11905450

4106654

13019564

2992540

14068142

1943963

15182255

829849

16296369

43416

16755123

16755125

# Harmonies

## Analogous

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



9152664



8563109



8497329

# Triad

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



8563109



11115957



11837066

# Complementary

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



8563109



11108998

# 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.



12294802



8563109



11967147

# Square

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



8563109



10002874



12360094



11051656

# Rectangle

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



8563109



8824503



12360094



12033164



# Sweetspot

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



8563109



13425626



8890754



6647405



15592941



7237230



# Same Dimension

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



8563109



10410965



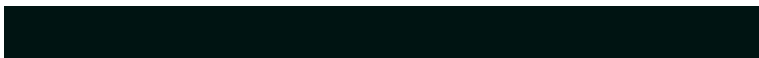
8559273



5002323



38021



5138



# Inverse Universe

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



11108998



14392996



11112834



5524557



9699343



1310722



# Previews

## White Background



This preview shows how the Decimal color 8563109 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 8563109 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 8563109 Background



This preview shows how black text looks on a background with the Decimal color 8563109.

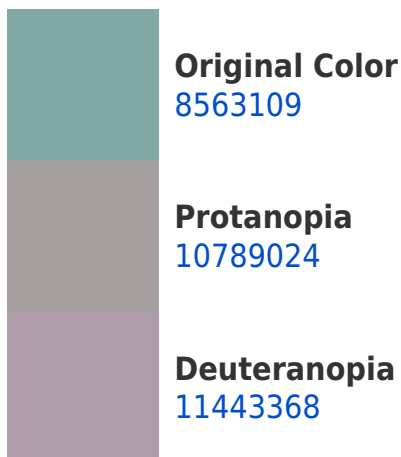



This preview shows how white text looks on a background with the Decimal color 8563109.

# 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**  
8759220

# Trichromacy



**Original Color**  
8563109

**Protanomaly**  
10003362

**Deuteranomaly**  
10396071

**Tritanomaly**  
8693935

# Monochromacy



**Original Color**  
8563109

**Achromatopsia**  
10329501

**Achromatomaly**  
9675168

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8563109 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 #82A9A5 looks like.

```
.text, #text, p{  
  color:#82A9A5  
}
```

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 #82A9A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A9A5
}
```

## Border

The CSS property to change the border of an element to Decimal 8563109 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
#82A9A5 }
```

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

```
.border{ border-color:#82A9A5 }
```

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

Here you see how a box with a 4 pixel #82A9A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A9A5; -webkit-box-shadow:4px 4px  
4px 4px #82A9A5; box-shadow:4px 4px 4px  
4px #82A9A5 }
```

# Background

The CSS property to change the background color of an element to Decimal 8563109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A9A5 }
```

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

```
.background{ background-color:#82A9A5 }
```

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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