

# Converting Colors

Decimal(9021084)

Have a look what the booklet for  
Decimal(9021084) contains.

<b>Decimal(9021084)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(9021084)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A69C
RGB	137, 166, 156
RGB Percent	54%, 65%, 61%
CMY	0.4627, 0.3490, 0.3882
CMYK	0.17, 0.00, 0.06, 0.35
HSL	159°, 14%, 59%
HSV	159°, 17%, 65%
XYZ	29.9535, 34.9911, 36.6277
YIQ	156.1890, -14.0740, -9.2580

# Conversions

## Conversions Part 2

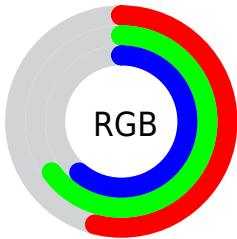
Format	Color
<a href="#">RYB</a>	<a href="#">137, 155, 166</a>
Decimal	<a href="#">9021084</a>
CIELab	<a href="#">65.74, -12.08, 1.84</a>
CIElCh	<a href="#">66, 12.218, 171.346</a>
Yxy	<a href="#">34.9911, 0.2949, 0.3445</a>
Android (android.graphics.Color)	<a href="#">4287211164</a> ( <a href="#">0xFF89A69C</a> )
YUV	<a href="#">156.1890, -0.0932, -16.8288</a>
Hunter-Lab	<a href="#">59.1533, -13.1310, 4.6949</a>

# Details

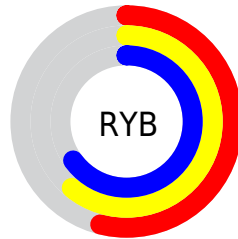
The Decimal color **9021084** is a light color, and the websafe version is hex **669999**. A complement of this color would be **10914195**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **12574162**, and **5730921** is the 20% darker color. If you saturate the color by 10%, you get **7906966**, and if you desaturate by 10%, it is **10135202**.

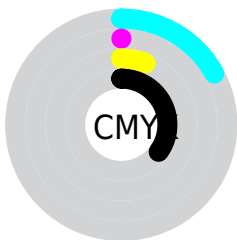
# Distribution



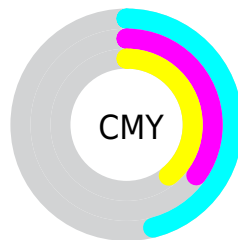
- Red (54%)
- Green (65%)
- Blue (61%)



- Red (54%)
- Yellow (61%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (35%)



- Cyan (46%)
- Magenta (35%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9021084 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 9021084 by changing the saturation by 10% instead.



9021084

9021084

16777215

7310466

12574162

5730921

14416623

4151889

16252927

2638394

1256484

6159

0

9021084

9021084

7906966

10135202

6858385

11183783

5744267

12297901

4695685

13346483

3581567

14460601

2467450

15574718

1418868

16623300

304750

16754378

42605

16754384

# Harmonies

## Analogous

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



9675922



9021084



8693415

# Triad

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



9021084



10395316



11836303

# Complementary

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



9021084



10914195

# 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.



12032152



9021084



11246509

# Square

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



9021084



9478837



11835811



11312778

# Rectangle

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



9021084



8758702



11835811



11967122



# Sweetspot

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



9021084



13556181



9676425



6778475



15592941



7237230



# Same Dimension

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



9021084



11262409



9020070



5002321



37985



5133



# Inverse Universe

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



10914195



14265275



10915209



5524559



9699379



1310727



# Previews

## White Background



This preview shows how the Decimal color 9021084 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 9021084 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

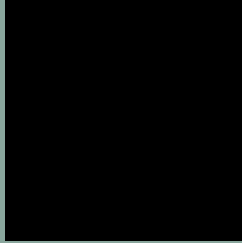
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 9021084 Background



This preview shows how black text looks on a background with the Decimal color 9021084.



This preview shows how white text looks on a background with the Decimal color 9021084.

# 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](#).

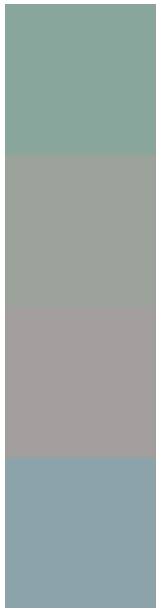
## Dichromacy





**Tritanopia**  
9282480

# Trichromacy



**Original Color**  
9021084

**Protanomaly**  
10134169

**Deuteranomaly**  
10591901

**Tritanomaly**  
9217193

# Monochromacy



**Original Color**  
9021084

**Achromatopsia**  
10263708

**Achromatomaly**  
9805980

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9021084 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 #89A69C looks like.

```
.text, #text, p{  
    color:#89A69C  
}
```

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 #89A69C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A69C
}
```

## Border

The CSS property to change the border of an element to Decimal 9021084 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
#89A69C }
```

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

```
.border{ border-color:#89A69C }
```

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

Here you see how a box with a 4 pixel #89A69C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A69C; -webkit-box-shadow:4px 4px  
4px 4px #89A69C; box-shadow:4px 4px 4px  
4px #89A69C }
```

# Background

The CSS property to change the background color of an element to Decimal 9021084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A69C }
```

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

```
.background{ background-color:#89A69C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor