

# Converting Colors

Decimal(9351613)

Have a look what the booklet for  
Decimal(9351613) contains.

<b>Decimal(9351613)</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(9351613)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EB1BD
RGB	142, 177, 189
RGB Percent	56%, 69%, 74%
CMY	0.4431, 0.3059, 0.2588
CMYK	0.25, 0.06, 0.00, 0.26
HSL	195°, 26%, 65%
HSV	195°, 25%, 74%
XYZ	36.0628, 40.8692, 54.1319
YIQ	167.9030, -24.7120, -3.6880

# Conversions

## Conversions Part 2

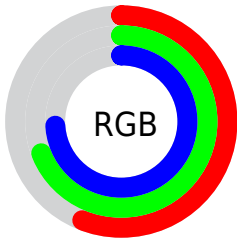
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 162, 189
Decimal	9351613
CIELab	70.08, -9.08, -10.02
CIElCh	70, 13.520, 227.814
Yxy	40.8692, 0.2752, 0.3118
Android (android.graphics.Color)	4287541693 (0xFF8EB1BD)
YUV	167.9030, 10.4008, -22.7169
Hunter-Lab	63.9290, -11.1827, -5.4535

# Details

The Decimal color **9351613** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12425870**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **12970485**, and **5930120** is the 20% darker color. If you saturate the color by 10%, you get **8105149**, and if you desaturate by 10%, it is **10598077**.

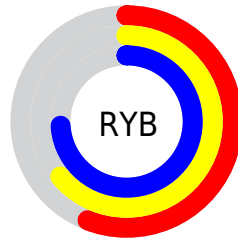
# Distribution



Red (56%)

Green (69%)

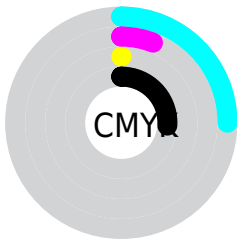
Blue (74%)



Red (56%)

Yellow (64%)

Blue (74%)

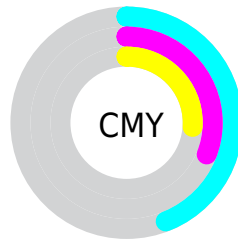


Cyan (25%)

Magenta (6%)

Yellow (0%)

Black (26%)



Cyan (44%)

Magenta (31%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9351613 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 9351613 by changing the saturation by 10% instead.



■ 9351613

■ 9351613

16777215

■ 7640738

■ 12970485

■ 5930120

■ 14811135

■ 4350830

16711679

■ 2772054

■ 1127743

■ 8233

■ 533

■ 0

■ 9351613

■ 9351613

8105149

10598077

6858685

11844541

5612477

13090749

4366013

14337213

3119549

15518141

1938621

16764605

692157

16765885

36285

16767165

16768189

# Harmonies

## Analogous

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



9221042



9351613



10006211

# Triad

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



9351613



12690353



11382164

# Complementary

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



9351613



12425870

# 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.



12233108



9351613



13018020

# Square

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



9351613



11970236



12821914



10465435

# Rectangle

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



9351613



10660803



12821914



11709331

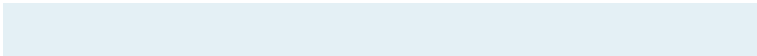


# Sweetspot

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



9351613



15003893



9354650



7436410



16448250



8026746



# Same Dimension

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



9351613



11264757



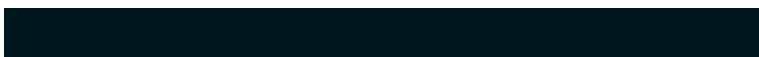
9345725



5594206



30366



5919



# Inverse Universe

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



12422833



16100322



12431758



6182236



10354806



2031639



# Previews

## White Background



This preview shows how the Decimal color 9351613 looks on a white background.

## Color Contrast Check

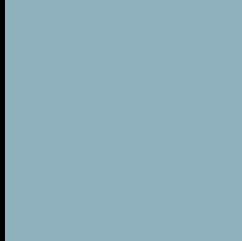
Large Text (above 18pt) WCAG AA × Fail

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 9351613 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

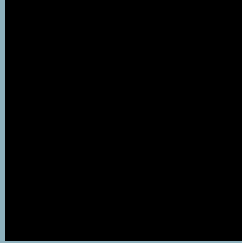
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

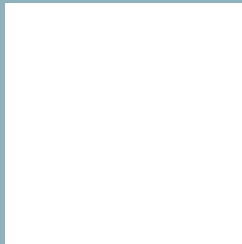
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9351613 Background



This preview shows how black text looks on a background with the Decimal color 9351613.



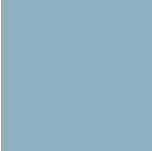
This preview shows how white text looks on a background with the Decimal color 9351613.

# 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**  
9351615

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9351613 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 #8EB1BD looks like.

```
.text, #text, p{  
    color:#8EB1BD  
}
```

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 #8EB1BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EB1BD
}
```

## Border

The CSS property to change the border of an element to Decimal 9351613 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
#8EB1BD }
```

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

```
.border{ border-color:#8EB1BD }
```

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

Here you see how a box with a 4 pixel #8EB1BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EB1BD; -webkit-box-shadow:4px 4px  
4px 4px #8EB1BD; box-shadow:4px 4px 4px  
4px #8EB1BD }
```

# Background

The CSS property to change the background color of an element to Decimal 9351613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EB1BD }
```

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

```
.background{ background-color:#8EB1BD }
```

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