

# Converting Colors

Decimal(10334140)

Have a look what the booklet for  
Decimal(10334140) contains.

<b>Decimal(10334140)</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(10334140)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DAFBC
RGB	157, 175, 188
RGB Percent	62%, 69%, 74%
CMY	0.3843, 0.3137, 0.2627
CMYK	0.16, 0.07, 0.00, 0.26
HSL	205°, 19%, 68%
HSV	205°, 16%, 74%
XYZ	38.3117, 41.4589, 53.5601
YIQ	171.1000, -14.9010, 0.2270

# Conversions

## Conversions Part 2

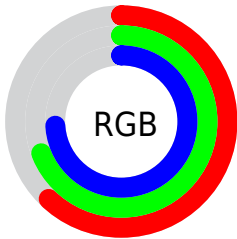
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 168, 188
Decimal	10334140
CIELab	70.50, -3.48, -8.75
CIElCh	70, 9.415, 248.295
Yxy	41.4589, 0.2873, 0.3109
Android (android.graphics.Color)	4288524220 (0xFF9DAFBC)
YUV	171.1000, 8.3317, -12.3657
Hunter-Lab	64.3886, -6.4711, -4.2469

# Details

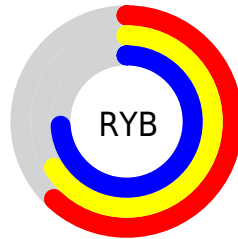
The Decimal color **10334140** is a light color, and the websafe version is hex **999999**. A complement of this color would be **12364445**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **13952756**, and **6912903** is the 20% darker color. If you saturate the color by 10%, you get **9086908**, and if you desaturate by 10%, it is **11581372**.

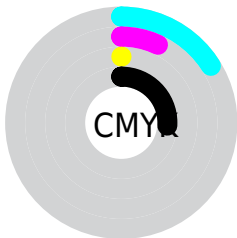
# Distribution



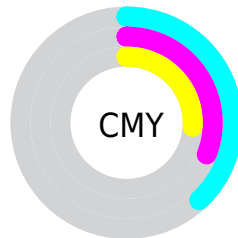
- Red (62%)
- Green (69%)
- Blue (74%)



- Red (62%)
- Yellow (66%)
- Blue (74%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (31%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10334140 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 10334140 by changing the saturation by 10% instead.





10334140



10334140

16777215



8623265



13952756



6912903



15794175



5333613



3754581



2306878



859688



1044



0



10334140



10334140

■ 9086908

■ 11581372

■ 7839676

■ 12828604

■ 6657980

■ 14010300

■ 5410748

■ 15257532

■ 4163772

■ 16504508

■ 2916540

■ 16768700

■ 1669308

■ 16770748

■ 487612

■ 16772796

■ 28092

■ 16774844

# Harmonies

## Analogous

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



10006967



10334140



10923197

# Triad

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



10334140



12560298



10989471

# Complementary

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



10334140



12364445

# 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.



11644316



10334140



12495010

# Square

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



10334140



12232627



12167837



10400166

# Rectangle

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



10334140



11446971



12167837



11251357



# Sweetspot

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



10334140



15331573



10337450



7567226



16448250



8026746

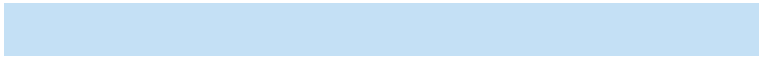


# Same Dimension

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



10334140



12902645



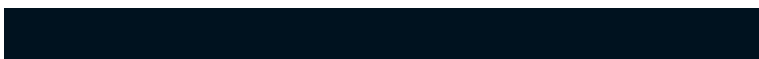
10330300



5593694



23710



4639



# Inverse Universe

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



12361135



16106720



12368285



6182234



10354780

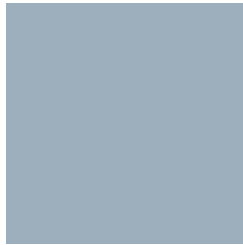


2031634



# Previews

## White Background



This preview shows how the Decimal color 10334140 looks on a white background.

## Color Contrast Check

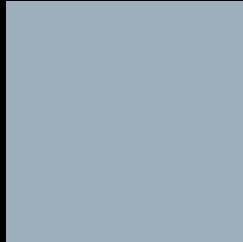
Large Text (above 18pt) WCAG AA × Fail

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 10334140 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

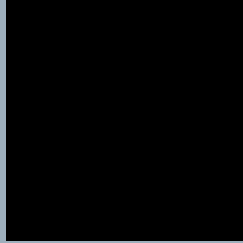
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

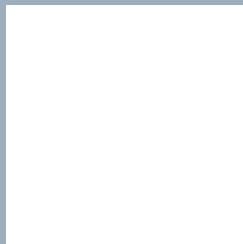
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 10334140 Background



This preview shows how black text looks on a background with the Decimal color 10334140.



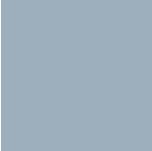
This preview shows how white text looks on a background with the Decimal color 10334140.

# 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**  
10334141

# Trichromacy



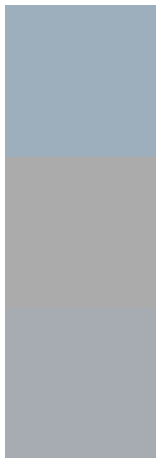
**Original Color**  
10334140

**Protanomaly**  
10923195

**Deuteranomaly**  
11315901

**Tritanomaly**  
10334141

# Monochromacy



**Original Color**  
10334140

**Achromatopsia**  
11250603

**Achromatomaly**  
10923185

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10334140 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 #9DAFBC looks like.

```
.text, #text, p{  
    color:#9DAFBC  
}
```

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 #9DAFBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DAFBC
}
```

## Border

The CSS property to change the border of an element to Decimal 10334140 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
#9DAFBC }
```

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

```
.border{ border-color:#9DAFBC }
```

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

Here you see how a box with a 4 pixel #9DAFBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DAFBC; -webkit-box-shadow:4px 4px  
4px 4px #9DAFBC; box-shadow:4px 4px 4px  
4px #9DAFBC }
```

# Background

The CSS property to change the background color of an element to Decimal 10334140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DAFBC }
```

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

```
.background{ background-color:#9DAFBC }
```

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