

Converting Colors

Decimal(9340580)

Have a look what the booklet for
Decimal(9340580) contains.

Decimal(9340580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(9340580)

Conversions

Conversions Part 1

Format	Color
Hex	8E86A4
RGB	142, 134, 164
RGB Percent	56%, 53%, 64%
CMY	0.4431, 0.4745, 0.3569
CMYK	0.13, 0.18, 0.00, 0.36
HSL	256°, 14%, 58%
HSV	256°, 18%, 64%
XYZ	26.3813, 25.4813, 38.6499
YIQ	139.8120, -4.8620, 11.0260

Conversions

Conversions Part 2

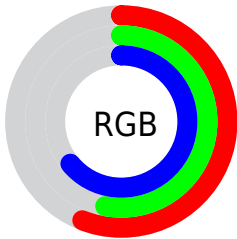
Format	Color
R_{YB}	142, 134, 164
Decimal	9340580
CIE Lab	57.54, 9.16, -14.81
CIE LCh	58, 17.420, 301.744
Yxy	25.4813, 0.2915, 0.2815
Android (android.graphics.Color)	4287530660 (0xFF8E86A4)
YUV	139.8120, 11.9247, 1.9189
Hunter-Lab	50.4790, 4.9491, -10.0608

Details

The Decimal color **9340580** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **10265734**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **12893147**, and **6050928** is the 20% darker color. If you saturate the color by 10%, you get **8550052**, and if you desaturate by 10%, it is **10131108**.

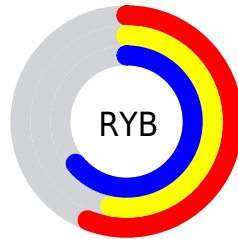
Distribution



Red (56%)

Green (53%)

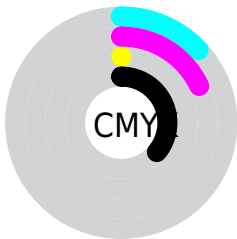
Blue (64%)



Red (56%)

Yellow (53%)

Blue (64%)

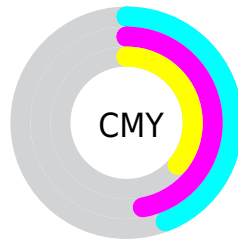


Cyan (13%)

Magenta (18%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9340580 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 9340580 by changing the saturation by 10% instead.

■ 9340580

■ 9340580

16777215

■ 7630218

■ 12893147

■ 6050928

■ 14735352

■ 4472152

■ 16643071

■ 2959168

■ 1577770

■ 278

■ 0

■ 9340580

■ 9340580

■ 8550052

■ 10131108

7759268

10921892

6968740

11712420

6177956

12503204

5387428

13293732

4596900

14084260

3806116

14875044

3015588

15663012

2883748

16449444

Harmonies

Analogous

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



8031144



9340580



10453657

Triad

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



9340580



10650736



6656907

Complementary

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



9340580



10265734

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.



7573883



9340580



9800044

Square

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



9340580



11108731



8687216



6328986

Rectangle

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



9340580



10911887



8687216



6919045

Sweetspot

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



9340580



13552598



8821924



6710635



15461355



7039851

Same Dimension

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



9340580



11839446



10323620



4999506



2556049



327698

Inverse Universe

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



10782364



14067658



9282694



5392719



9502827



1179661

Previews

White Background



This preview shows how the Decimal color 9340580 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9340580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

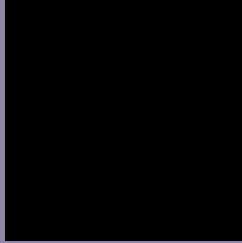
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 9340580 Background



This preview shows how black text looks on a background with the Decimal color 9340580.



This preview shows how white text looks on a background with the Decimal color 9340580.

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



Original Color

9340580

Protanopia

8685990

Deuteranopia

9144228



Tritanopia
9144724

Trichromacy



Original Color
9340580

Protanomaly
8947877

Deuteranomaly
9209764

Tritanomaly
9210010

Monochromacy



Original Color
9340580

Achromatopsia
9211020

Achromatomaly
9276053

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9340580 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 #8E86A4 looks like.

```
.text, #text, p{  
    color:#8E86A4  
}
```

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 #8E86A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E86A4
}
```

Border

The CSS property to change the border of an element to Decimal 9340580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

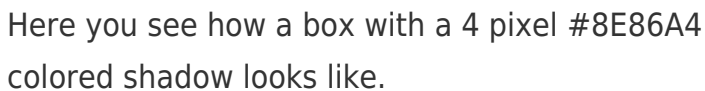
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E86A4 }
```

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

```
.border{ border-color:#8E86A4 }
```

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



Here you see how a box with a 4 pixel #8E86A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E86A4; -webkit-box-shadow:4px 4px  
4px 4px #8E86A4; box-shadow:4px 4px 4px  
4px #8E86A4 }
```

Background

The CSS property to change the background color of an element to Decimal 9340580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E86A4 }
```

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

```
.background{ background-color:#8E86A4 }
```

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