

Converting Colors

Decimal(9266340)

Have a look what the booklet for
Decimal(9266340) contains.

Decimal(9266340)	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(9266340)

Conversions

Conversions Part 1

Format	Color
Hex	8D64A4
RGB	141, 100, 164
RGB Percent	55%, 39%, 64%
CMY	0.4471, 0.6078, 0.3569
CMYK	0.14, 0.39, 0.00, 0.36
HSL	278°, 26%, 52%
HSV	278°, 39%, 64%
XYZ	22.2425, 17.4574, 37.3193
YIQ	119.5550, 3.8920, 28.5960

Conversions

Conversions Part 2

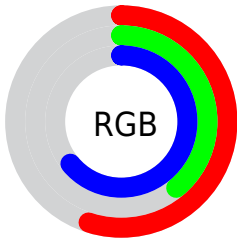
Format	Color
R _Y B	141, 100, 164
Decimal	9266340
CIE Lab	48.83, 28.67, -28.19
CIE LCh	49, 40.209, 315.490
Yxy	17.4574, 0.2888, 0.2267
Android (android.graphics.Color)	4287456420 (0xFF8D64A4)
YUV	119.5550, 21.9114, 18.8073
Hunter-Lab	41.7821, 21.9052, -23.7097

Details

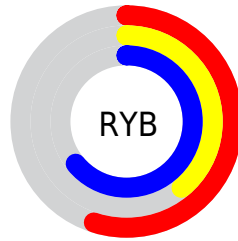
The Decimal color **9266340** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8103012**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **12884187**, and **5846128** is the 20% darker color. If you saturate the color by 10%, you get **8869028**, and if you desaturate by 10%, it is **9663652**.

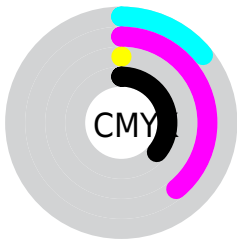
Distribution



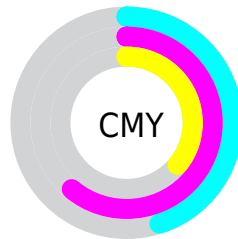
- Red (55%)
- Green (39%)
- Blue (64%)



- Red (55%)
- Yellow (39%)
- Blue (64%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)
- Black (36%)



- Cyan (45%)
- Magenta (61%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9266340 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 9266340 by changing the saturation by 10% instead.



9266340



9266340

16777215



7556234



12884187



5846128



14726136



4267351



16633599



2688832



16772095



1441834



275



0



9266340



9266340



8869028



9663652

8471460

10061220

8074148

10458532

7676580

10856100

7344804

11187876

6947492

11585188

6881444

11982756

12380068

12777636

Harmonies

Analogous

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



5927606



9266340



11164038

Triad

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



9266340



9858097



34181

Complementary

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



9266340



8103012

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.



689250



9266340



7829551

Square

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



9266340



11296837



5275714



33700

Rectangle

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



9266340



11753327



5275714



34169

Sweetspot

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



9266340



13483222



6585252



6708331



15461355



7039851

Same Dimension

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



9266340



11694806



10773659



5196114



6094993



720914

Inverse Universe

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



10773627



14054038



6595693



5392716



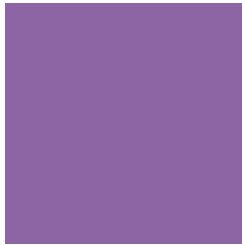
9502772



1179654

Previews

White Background



This preview shows how the Decimal color 9266340 looks on a white 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

Black Background



This preview shows how the Decimal color 9266340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

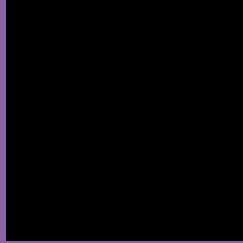
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 9266340 Background



This preview shows how black text looks on a background with the Decimal color 9266340.



This preview shows how white text looks on a background with the Decimal color 9266340.

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
8810102

Trichromacy



Original Color
9266340

Protanomaly
7368108

Deuteranomaly
7630498

Tritanomaly
9005703

Monochromacy



Original Color
9266340

Achromatopsia
7895160

Achromatomaly
8417672

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9266340 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 #8D64A4 looks like.

```
.text, #text, p{  
    color:#8D64A4  
}
```

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 #8D64A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D64A4
}
```

Border

The CSS property to change the border of an element to Decimal 9266340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

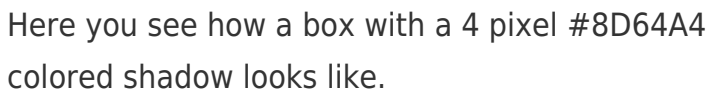
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D64A4 }
```

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

```
.border{ border-color:#8D64A4 }
```

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



Here you see how a box with a 4 pixel #8D64A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D64A4; -webkit-box-shadow:4px 4px  
4px 4px #8D64A4; box-shadow:4px 4px 4px  
4px #8D64A4 }
```

Background

The CSS property to change the background color of an element to Decimal 9266340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D64A4 }
```

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

```
.background{ background-color:#8D64A4 }
```

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