

# Converting Colors

Decimal(9339301)

Have a look what the booklet for  
Decimal(9339301) contains.

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# Color

**Decimal(9339301)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E81A5
RGB	142, 129, 165
RGB Percent	56%, 51%, 65%
CMY	0.4431, 0.4941, 0.3529
CMYK	0.14, 0.22, 0.00, 0.35
HSL	262°, 17%, 58%
HSV	262°, 22%, 65%
XYZ	25.7971, 24.1679, 38.9025
YIQ	136.9910, -3.8080, 13.9520

# Conversions

## Conversions Part 2

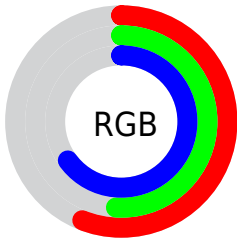
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 129, 165
Decimal	9339301
CIE <sub>Lab</sub>	56.26, 12.28, -17.34
CIE <sub>LCh</sub>	56, 21.248, 305.312
Yxy	24.1679, 0.2903, 0.2720
Android (android.graphics.Color)	4287529381 (0xFF8E81A5)
YUV	136.9910, 13.8084, 4.3929
Hunter-Lab	49.1609, 7.6362, -12.5054

# Details

The Decimal color **9339301** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **10003841**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **12891868**, and **5984369** is the 20% darker color. If you saturate the color by 10%, you get **8614053**, and if you desaturate by 10%, it is **10064293**.

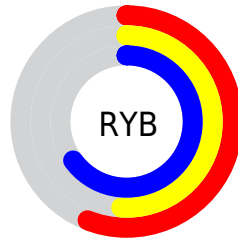
# Distribution



Red (56%)

Green (51%)

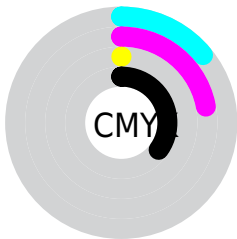
Blue (65%)



Red (56%)

Yellow (51%)

Blue (65%)

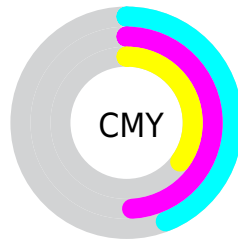


Cyan (14%)

Magenta (22%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (49%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9339301 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 9339301 by changing the saturation by 10% instead.



■ 9339301

■ 9339301

16777215

■ 7628939

■ 12891868

■ 5984369

■ 14733817

■ 4471129

■ 16641791

■ 2958145

■ 1511211

■ 278

■ 0

■ 9339301

■ 9339301

■ 8614053

■ 10064293

7954597

10724005

7229349

11448997

6569893

12108709

5844645

12833701

5185189

13493413

4459941

14218405

3932325

14876581

15597477

# Harmonies

## Analogous

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



7702443



9339301



10583191

# Triad

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



9339301



10649958



5673354

# Complementary

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



9339301



10003841

# 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.



6852727



9339301



9537378

# Square

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



9339301



11238258



8227944



5345436

# Rectangle

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



9339301



11106955



8227944



6001027



# Sweetspot

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



9339301



13486038



8493221



6710123



15461355



7039851



# Same Dimension

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



9339301



11771862



10518949



4999506



3408017



393234



# Inverse Universe

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



10846616



14065602



8824193



5392719



9502813



1179659



# Previews

## White Background



This preview shows how the Decimal color 9339301 looks on a white background.

## Color Contrast Check

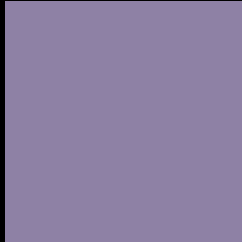
Large Text (above 18pt) WCAG AA ✓ Pass

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 9339301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

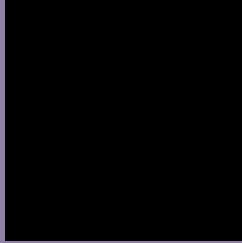
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9339301 Background



This preview shows how black text looks on a background with the Decimal color 9339301.



This preview shows how white text looks on a background with the Decimal color 9339301.

# 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**  
9339301

**Protanopia**  
8357544

**Deuteranopia**  
8750244



**Tritanopia**  
9078159

# Trichromacy



**Original Color**  
9339301

**Protanomaly**  
8684711

**Deuteranomaly**  
8946596

**Tritanomaly**  
9143447

# Monochromacy



**Original Color**  
9339301

**Achromatopsia**  
9013641

**Achromatomaly**  
9143955

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9339301 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 #8E81A5 looks like.

```
.text, #text, p{  
    color:#8E81A5  
}
```

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 #8E81A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E81A5
}
```

## Border

The CSS property to change the border of an element to Decimal 9339301 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
#8E81A5 }
```

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

```
.border{ border-color:#8E81A5 }
```

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

Here you see how a box with a 4 pixel #8E81A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E81A5; -webkit-box-shadow:4px 4px  
4px 4px #8E81A5; box-shadow:4px 4px 4px  
4px #8E81A5 }
```

# Background

The CSS property to change the background color of an element to Decimal 9339301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E81A5 }
```

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

```
.background{ background-color:#8E81A5 }
```

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](#).



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