

# Converting Colors

Decimal(9596589)

Have a look what the booklet for  
Decimal(9596589) contains.

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**Color**

**Decimal(9596589)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	926EAD
RGB	146, 110, 173
RGB Percent	57%, 43%, 68%
CMY	0.4275, 0.5686, 0.3216
CMYK	0.16, 0.36, 0.00, 0.32
HSL	274°, 28%, 55%
HSV	274°, 36%, 68%
XYZ	24.9728, 20.2800, 42.1334
YIQ	127.9460, 1.2330, 27.2250

# Conversions

## Conversions Part 2

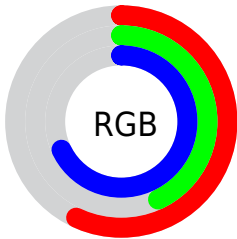
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 110, 173
Decimal	9596589
CIE <sub>Lab</sub>	52.15, 26.48, -28.24
CIE <sub>LCh</sub>	52, 38.714, 313.163
Yxy	20.2800, 0.2858, 0.2321
Android (android.graphics.Color)	4287786669 (0xFF926EAD)
YUV	127.9460, 22.2116, 15.8334
Hunter-Lab	45.0333, 20.1773, -23.9487

# Details

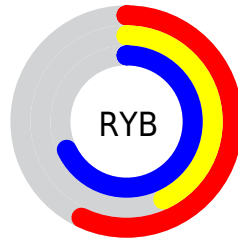
The Decimal color **9596589** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **9022830**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **13214437**, and **6176376** is the 20% darker color. If you saturate the color by 10%, you get **9133485**, and if you desaturate by 10%, it is **10059693**.

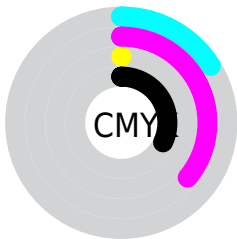
# Distribution



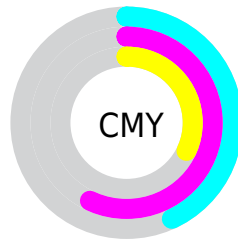
- Red (57%)
- Green (43%)
- Blue (68%)



- Red (57%)
- Yellow (43%)
- Blue (68%)



- Cyan (16%)
- Magenta (36%)
- Yellow (0%)
- Black (32%)



- Cyan (43%)
- Magenta (57%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9596589 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 9596589 by changing the saturation by 10% instead.



■ 9596589

■ 9596589

16777215

■ 7886226

■ 13214437

■ 6176376

■ 15056383

■ 4597599

■ 16767487

■ 3019079

■ 16774911

■ 1703985

■ 283

■ 0

■ 9596589

■ 9596589

■ 9133485

■ 10059693

8604589

10588589

8141485

11051693

7612845

11580333

7149741

12043693

6686381

12506797

6488237

13035437

13498541

14024621

# Harmonies

## Analogous

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



6323133



9596589



11559824

# Triad

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



9596589



10515516



36234

# Complementary

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



9596589



9022830

# 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.



2788456



9596589



8552249

# Square

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



9596589



11888721



6129482



35753

# Rectangle

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



9596589



12214650



6129482



36223



# Sweetspot

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



9596589



14076128



7244205



6972016



15790320



7368816



# Same Dimension

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



9596589



11960032



11366057



5459543



5636246



851991



# Inverse Universe

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



11366025



14712488



7253362



5721682



9830464



1507338



# Previews

## White Background



This preview shows how the Decimal color 9596589 looks on a white background.

## Color Contrast Check

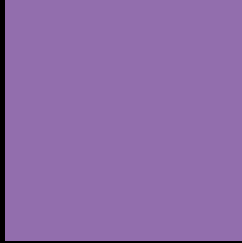
Large Text (above 18pt) WCAG AA ✓ Pass

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 9596589 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

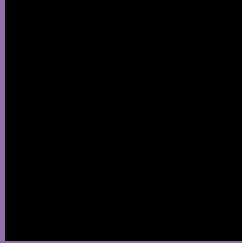
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9596589 Background



This preview shows how black text looks on a background with the Decimal color 9596589.




This preview shows how white text looks on a background with the Decimal color 9596589.

# 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**  
9140096

# Trichromacy



**Original Color**  
9596589

**Protanomaly**  
7829171

**Deuteranomaly**  
8091307

**Tritanomaly**  
9335952

# Monochromacy



**Original Color**  
9596589

**Achromatopsia**  
8421504

**Achromatomaly**  
8878480

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9596589 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 #926EAD looks like.

```
.text, #text, p{  
    color:#926EAD  
}
```

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 #926EAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #926EAD
}
```

## Border

The CSS property to change the border of an element to Decimal 9596589 is called "border". The border property can be set on classes, ids or directly on the HTML element.

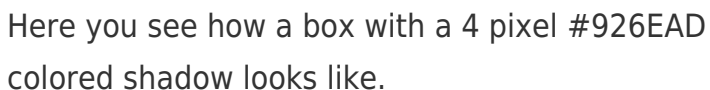
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#926EAD }
```

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

```
.border{ border-color:#926EAD }
```

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



Here you see how a box with a 4 pixel #926EAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #926EAD; -webkit-box-shadow:4px 4px  
4px 4px #926EAD; box-shadow:4px 4px 4px  
4px #926EAD }
```

# Background

The CSS property to change the background color of an element to Decimal 9596589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#926EAD }
```

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

```
.background{ background-color:#926EAD }
```

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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