

# Converting Colors

Decimal(9596888)

Have a look what the booklet for  
Decimal(9596888) contains.

<b>Decimal(9596888)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(9596888)**

# Conversions

## Conversions Part 1

Format	Color
Hex	926FD8
RGB	146, 111, 216
RGB Percent	57%, 44%, 85%
CMY	0.4275, 0.5647, 0.1529
CMYK	0.32, 0.49, 0.00, 0.15
HSL	260°, 57%, 64%
HSV	260°, 49%, 85%
XYZ	29.9332, 22.4377, 67.7190
YIQ	133.4350, -12.8450, 40.0750

# Conversions

## Conversions Part 2

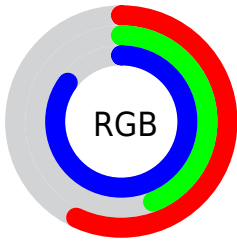
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 111, 216
Decimal	9596888
CIE <sub>Lab</sub>	54.49, 36.35, -49.19
CIE <sub>LCh</sub>	54, 61.161, 306.465
Yxy	22.4377, 0.2493, 0.1868
Android (android.graphics.Color)	4287786968 (0xFF926FD8)
YUV	133.4350, 40.7045, 11.0195
Hunter-Lab	47.3685, 29.9031, -51.6043

# Details

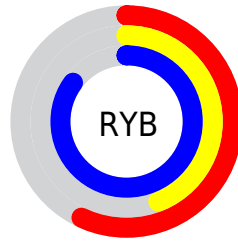
The Decimal color **9596888** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **11917423**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **13345791**, and **5979808** is the 20% darker color. If you saturate the color by 10%, you get **8673752**, and if you desaturate by 10%, it is **10520024**.

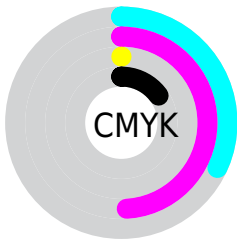
# Distribution



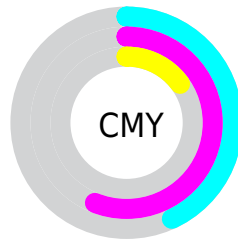
- Red (57%)
- Green (44%)
- Blue (85%)



- Red (57%)
- Yellow (44%)
- Blue (85%)



- Cyan (32%)
- Magenta (49%)
- Yellow (0%)
- Black (15%)



- Cyan (43%)
- Magenta (56%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9596888 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 9596888 by changing the saturation by 10% instead.



■ 9596888

■ 9596888

16777215

■ 7755452

■ 13345791

■ 5979808

■ 15253503

■ 4204422

■ 16767999

■ 2297964

■ 16775167

■ 83

■ 59

■ 548

■ 12

■ 0

 9596888

 9596888

 8673752

 10520024

 7685336

 11508440

 6762200

 12431576

 5773784

 13419992

 4850648

 14343128

 4718808

 15266264

 16252888

 16777176

# Harmonies

## Analogous

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



34284



9596888



13260718

# Triad

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



9596888



12415001



39821

# Complementary

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



9596888



11917423

# 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.



38998



9596888



9536512

# Square

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



9596888



14244166



5869859



39616

# Rectangle

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



9596888



14437771



5869859



39546



# Sweetspot

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



9596888



15063551



7321048



7367040



0



8421504



# Same Dimension

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



9596888



10251263



13070296



6578283



3735723



917547



# Inverse Universe

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



14184373



16739278



8509551



7037032



11206770

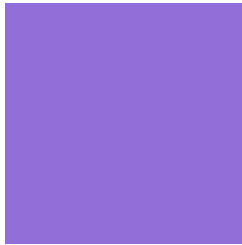


2818077



# Previews

## White Background



This preview shows how the Decimal color 9596888 looks on a white background.

## Color Contrast Check

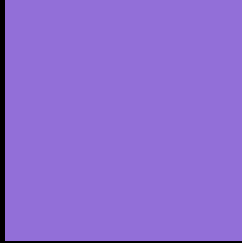
Large Text (above 18pt) WCAG AA ✓ Pass

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 9596888 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 9596888 Background



This preview shows how black text looks on a background with the Decimal color 9596888.

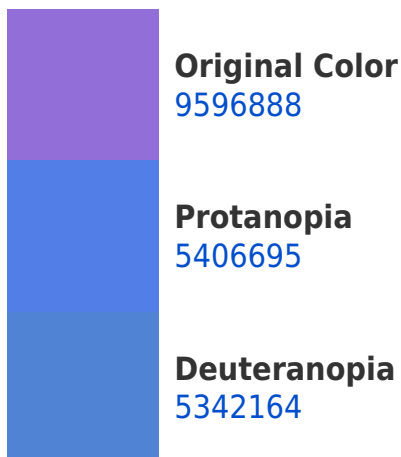



This preview shows how white text looks on a background with the Decimal color 9596888.

# 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**  
8618379

# Trichromacy



**Original Color**  
9596888

**Protanomaly**  
6912482

**Deuteranomaly**  
6913237

**Tritanomaly**  
8944295

# Monochromacy



**Original Color**  
9596888

**Achromatopsia**  
8750469

**Achromatomaly**  
9076131

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9596888 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 #926FD8 looks like.

```
.text, #text, p{  
    color:#926FD8  
}
```

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 #926FD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #926FD8
}
```

## Border

The CSS property to change the border of an element to Decimal 9596888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

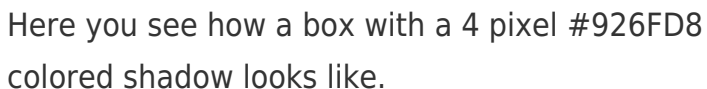
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#926FD8 }
```

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

```
.border{ border-color:#926FD8 }
```

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



Here you see how a box with a 4 pixel #926FD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #926FD8; -webkit-box-shadow:4px 4px  
4px 4px #926FD8; box-shadow:4px 4px 4px  
4px #926FD8 }
```

# Background

The CSS property to change the background color of an element to Decimal 9596888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#926FD8 }
```

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

```
.background{ background-color:#926FD8 }
```

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