

# Converting Colors

Decimal(9595031)

Have a look what the booklet for  
Decimal(9595031) contains.

<b>Decimal(9595031)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(9595031)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	926897
RGB	146, 104, 151
RGB Percent	57%, 41%, 59%
CMY	0.4275, 0.5922, 0.4078
CMYK	0.03, 0.31, 0.00, 0.41
HSL	294°, 18%, 50%
HSV	294°, 31%, 59%
XYZ	22.3903, 18.2460, 31.6199
YIQ	121.9160, 9.9450, 23.5210

# Conversions

## Conversions Part 2

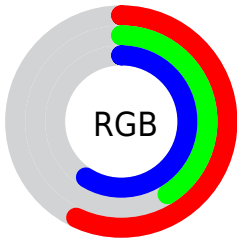
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 104, 151
Decimal	9595031
CIE <sub>Lab</sub>	49.79, 25.21, -19.01
CIE <sub>LCh</sub>	50, 31.571, 322.985
Yxy	18.2460, 0.3099, 0.2525
Android (android.graphics.Color)	4287785111 (0xFF926897)
YUV	121.9160, 14.3384, 21.1217
Hunter-Lab	42.7153, 18.8134, -13.9885

# Details

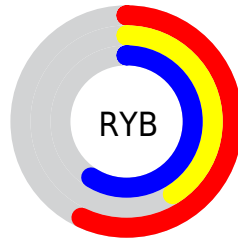
The Decimal color **9595031** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7182184**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **13212877**, and **6240356** is the 20% darker color. If you saturate the color by 10%, you get **9460119**, and if you desaturate by 10%, it is **9729943**.

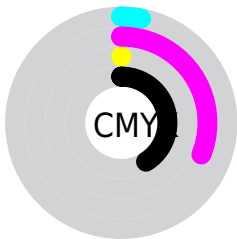
# Distribution



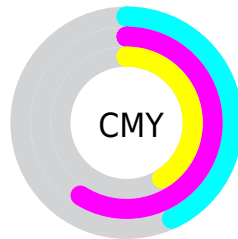
- Red (57%)
- Green (41%)
- Blue (59%)



- Red (57%)
- Yellow (41%)
- Blue (59%)



- Cyan (3%)
- Magenta (31%)
- Yellow (0%)
- Black (41%)



- Cyan (43%)
- Magenta (59%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9595031 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 9595031 by changing the saturation by 10% instead.



■ 9595031

■ 9595031

16777215

■ 7884669

■ 13212877

■ 6240356

■ 15054826

■ 4596044

■ 16765951

■ 3083061

■ 16773119

■ 1900576

■ 3

■ 0

■ 9595031

■ 9595031

■ 9460119

■ 9729943

9390743

9799319

9255831

9934231

9186455

10003607

9051543

10138519

8916375

10273687

8847511

10343063

10477975

10547351

# Harmonies

## Analogous

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



7369384



9595031



10904190

# Triad

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



9595031



9270081



33930

# Complementary

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



9595031



7182184

# 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.



2983023



9595031



7568196

# Square

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



9595031



10578253



5472597



33185

# Rectangle

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



9595031



11166060



5472597



34178



# Sweetspot

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



9595031



12760004



6843799



6445411



14935011



6513507



# Same Dimension

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



9595031



12418244



9922693



4998477



8192140



720909



# Inverse Universe

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



9922669



12876931



6854522



5064006



9175055

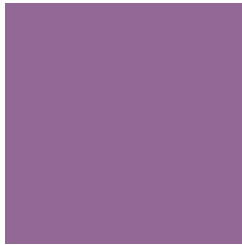


851969



# Previews

## White Background



This preview shows how the Decimal color 9595031 looks on a white background.

## Color Contrast Check

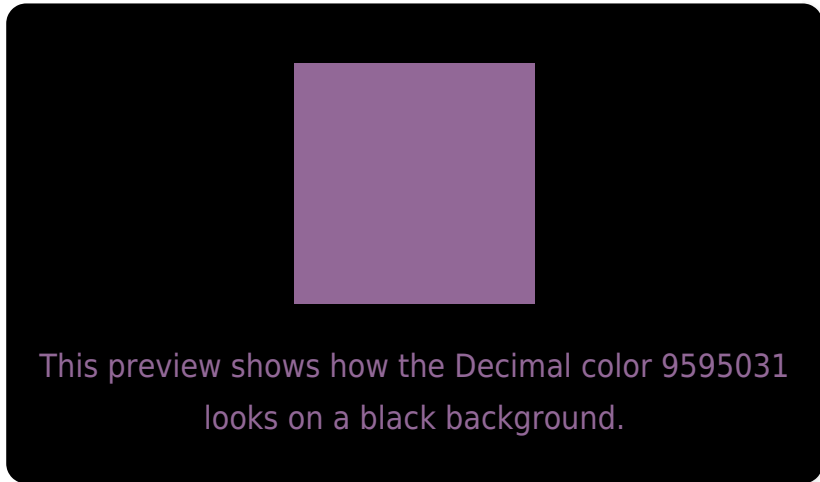
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

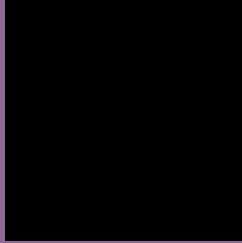
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9595031 Background



This preview shows how black text looks on a background with the Decimal color 9595031.




This preview shows how white text looks on a background with the Decimal color 9595031.

# 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**  
9268855

# Trichromacy



**Original Color**  
9595031

**Protanomaly**  
7958685

**Deuteranomaly**  
8286358

**Tritanomaly**  
9399427

# Monochromacy



**Original Color**  
9595031

**Achromatopsia**  
8026746

**Achromatomaly**  
8614789

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9595031 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 #926897 looks like.

```
.text, #text, p{  
    color:#926897  
}
```

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 #926897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #926897
}
```

## Border

The CSS property to change the border of an element to Decimal 9595031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

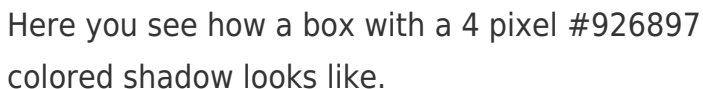
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#926897 }
```

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

```
.border{ border-color:#926897 }
```

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



Here you see how a box with a 4 pixel #926897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #926897; -webkit-box-shadow:4px 4px  
4px 4px #926897; box-shadow:4px 4px 4px  
4px #926897 }
```

# Background

The CSS property to change the background color of an element to Decimal 9595031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#926897 }
```

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

```
.background{ background-color:#926897 }
```

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