

# Converting Colors

Decimal(9521003)

Have a look what the booklet for  
Decimal(9521003) contains.

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# Color

**Decimal(9521003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91476B
RGB	145, 71, 107
RGB Percent	57%, 28%, 42%
CMY	0.4314, 0.7216, 0.5804
CMYK	0.00, 0.51, 0.26, 0.43
HSL	331°, 34%, 42%
HSV	331°, 51%, 57%
XYZ	16.5841, 11.5878, 15.2725
YIQ	97.2300, 32.5480, 26.8840

# Conversions

## Conversions Part 2

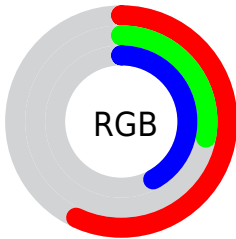
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 71, 107
Decimal	9521003
CIE <sub>Lab</sub>	40.55, 35.63, -6.41
CIE <sub>LCh</sub>	41, 36.205, 349.802
Yxy	11.5878, 0.3817, 0.2667
Android (android.graphics.Color)	4287711083 (0xFF91476B)
YUV	97.2300, 4.8166, 41.8943
Hunter-Lab	34.0408, 27.3910, -2.7721

# Details

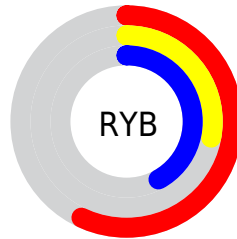
The Decimal color **9521003** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4690285**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **13204126**, and **6034748** is the 20% darker color. If you saturate the color by 10%, you get **9517412**, and if you desaturate by 10%, it is **9524850**.

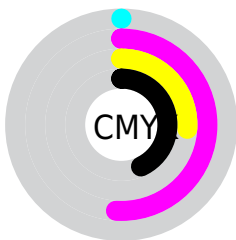
# Distribution



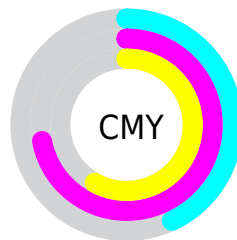
- Red (57%)
- Green (28%)
- Blue (42%)



- Red (57%)
- Yellow (28%)
- Blue (42%)



- Cyan (0%)
- Magenta (51%)
- Yellow (26%)
- Black (43%)



- Cyan (43%)
- Magenta (72%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9521003 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 9521003 by changing the saturation by 10% instead.



 9521003


 9521003

16777215

 7745107

 13204126

 6034748

 15111353

 4325414

 16756949

 2949138

 16763889

 0

 16771327

 9521003

 9521003

 9517412

 9524850

 9513564

 9528442

 9509973

 9532289

 9506125

 9535881

 9502791

 9539728

 9543320

 9547167

 9550759

 9554606

# Harmonies

## Analogous

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



8016006



9521003



9914189

# Triad

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



9521003



6120485



27788

# Complementary

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



9521003



4690285

# 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.



28275



9521003



3828280

# Square

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



9521003



7952931



28244



26266

# Rectangle

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



9521003



9587771



28244



28037



# Sweetspot

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



9521003



12427438



7096209



6180182



14606046



6184542



# Same Dimension

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



9521003



12405378



9520967



4669508



8847426



524292



# Inverse Universe

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



9521003



12405378



4690321



4669508



8847426

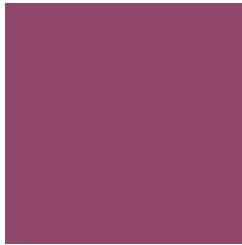


524292



# Previews

## White Background



This preview shows how the Decimal color 9521003 looks on a white background.

## Color Contrast Check

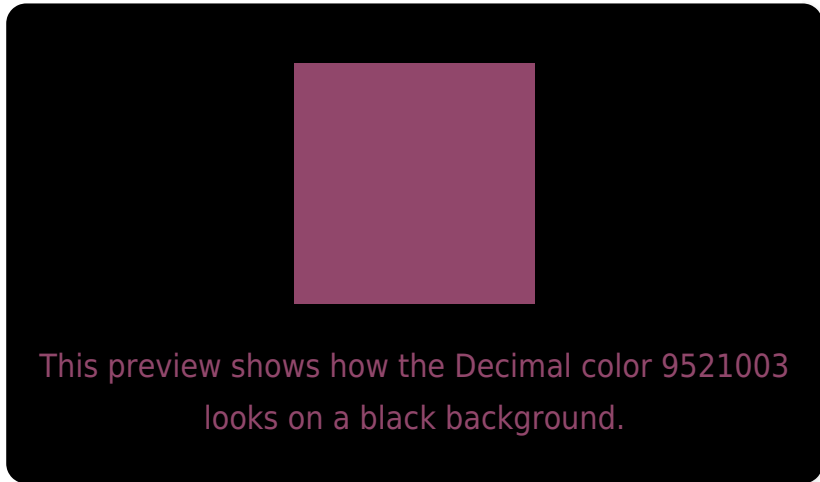
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 9521003 Background



This preview shows how black text looks on a background with the Decimal color 9521003.




This preview shows how white text looks on a background with the Decimal color 9521003.

# 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**  
9391186

# Trichromacy



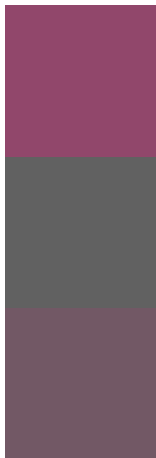
**Original Color**  
9521003

**Protanomaly**  
7165557

**Deuteranomaly**  
7755112

**Tritanomaly**  
9456219

# Monochromacy



**Original Color**  
9521003

**Achromatopsia**  
6381921

**Achromatomaly**  
7493733

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9521003 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 #91476B looks like.

```
.text, #text, p{  
    color:#91476B  
}
```

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 #91476B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91476B
}
```

## Border

The CSS property to change the border of an element to Decimal 9521003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

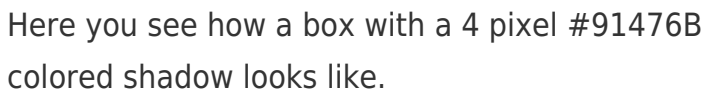
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91476B }
```

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

```
.border{ border-color:#91476B }
```

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



Here you see how a box with a 4 pixel #91476B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91476B; -webkit-box-shadow:4px 4px  
4px 4px #91476B; box-shadow:4px 4px 4px  
4px #91476B }
```

# Background

The CSS property to change the background color of an element to Decimal 9521003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91476B }
```

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

```
.background{ background-color:#91476B }
```

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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