

# Converting Colors

Decimal(9521526)

Have a look what the booklet for  
Decimal(9521526) contains.

<b>Decimal(9521526)</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(9521526)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	914976
RGB	145, 73, 118
RGB Percent	57%, 29%, 46%
CMY	0.4314, 0.7137, 0.5373
CMYK	0.00, 0.50, 0.19, 0.43
HSL	322°, 33%, 43%
HSV	322°, 50%, 57%
XYZ	17.3296, 12.0928, 18.5603
YIQ	99.6580, 28.4670, 29.2590

# Conversions

## Conversions Part 2

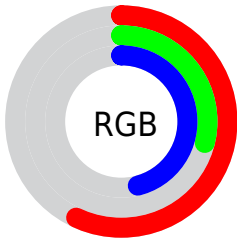
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 73, 118
Decimal	9521526
CIE <sub>Lab</sub>	41.36, 36.27, -11.99
CIE <sub>LCh</sub>	41, 38.197, 341.704
Yxy	12.0928, 0.3612, 0.2520
Android (android.graphics.Color)	4287711606 (0xFF914976)
YUV	99.6580, 9.0426, 39.7649
Hunter-Lab	34.7748, 28.0977, -7.3025

# Details

The Decimal color **9521526** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4821348**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **13204650**, and **6035270** is the 20% darker color. If you saturate the color by 10%, you get **9517937**, and if you desaturate by 10%, it is **9525371**.

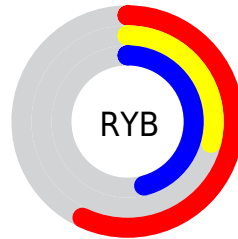
# Distribution



Red (57%)

Green (29%)

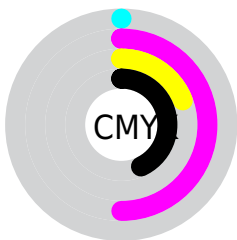
Blue (46%)



Red (57%)

Yellow (29%)

Blue (46%)

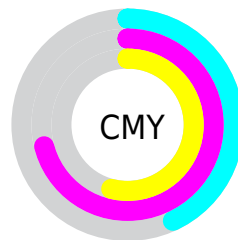


Cyan (0%)

Magenta (50%)

Yellow (19%)

Black (43%)



Cyan (43%)

Magenta (71%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9521526 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 9521526 by changing the saturation by 10% instead.



■ 9521526

■ 9521526

16777215

■ 7745629

■ 13204650

■ 6035270

■ 15046597

■ 4390959

■ 16757473

■ 2949147

■ 16764670

■ 0

■ 16771839

■ 9521526

■ 9521526

■ 9517937

■ 9525371

■ 9514091

■ 9528961

9510246

9532550

9506656

9536396

9502811

9540241

9543831

9547676

9551266

9554855

# Harmonies

## Analogous

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



7623825



9521526



10241622

# Triad

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



9521526



6775840



28810

# Complementary

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



9521526



4821348

# 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.



29037



9521526



4549424

# Square

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



9521526



8608036



225357



27293

# Rectangle

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



9521526



10046018



225357



28802



# Sweetspot

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



9521526



12427442



6506897



6180184



14606046



6184542



# Same Dimension

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



9521526



12405650



9521491



4669509



8847444



524293



# Inverse Universe

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



9521526



12405650



4821383



4669509



8847444

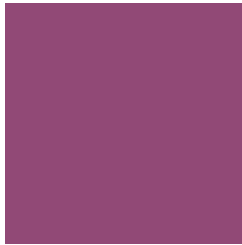


524293



# Previews

## White Background



This preview shows how the Decimal color 9521526 looks on a white background.

## Color Contrast Check

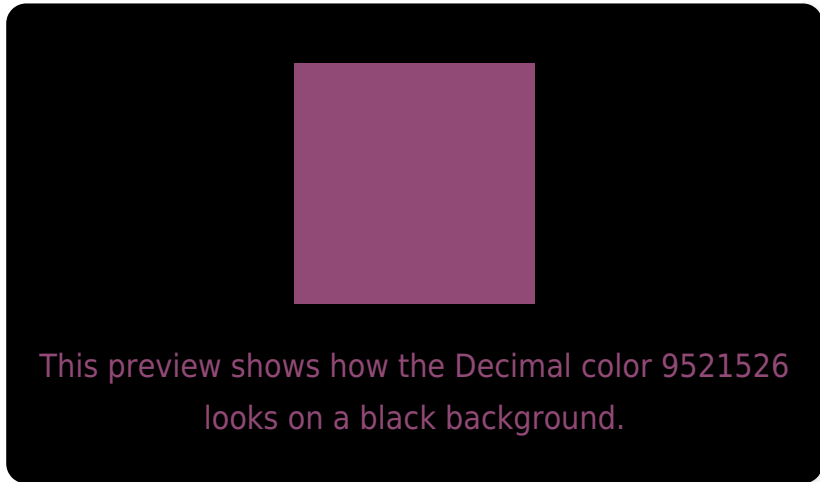
Large Text (above 18pt) WCAG AA ✓ Pass

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 9521526 Background



This preview shows how black text looks on a background with the Decimal color 9521526.



This preview shows how white text looks on a background with the Decimal color 9521526.

# 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**  
9326678

# Trichromacy



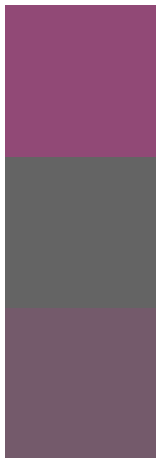
**Original Color**  
9521526

**Protanomaly**  
7100545

**Deuteranomaly**  
7624819

**Tritanomaly**  
9391458

# Monochromacy



**Original Color**  
9521526

**Achromatopsia**  
6579300

**Achromatomaly**  
7625323

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9521526 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 #914976 looks like.

```
.text, #text, p{  
    color:#914976  
}
```

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 #914976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #914976
}
```

## Border

The CSS property to change the border of an element to Decimal 9521526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

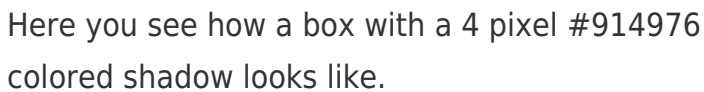
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#914976 }
```

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

```
.border{ border-color:#914976 }
```

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



Here you see how a box with a 4 pixel #914976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #914976; -webkit-box-shadow:4px 4px  
4px 4px #914976; box-shadow:4px 4px 4px  
4px #914976 }
```

# Background

The CSS property to change the background color of an element to Decimal 9521526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#914976 }
```

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

```
.background{ background-color:#914976 }
```

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