

# Converting Colors

Decimal(9506462)

Have a look what the booklet for  
Decimal(9506462) contains.

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**Color**

**Decimal(9506462)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	910E9E
RGB	145, 14, 158
RGB Percent	57%, 5%, 62%
CMY	0.4314, 0.9451, 0.3804
CMYK	0.08, 0.91, 0.00, 0.38
HSL	295°, 84%, 34%
HSV	295°, 91%, 62%
XYZ	18.0056, 8.8024, 33.0978
YIQ	69.5850, 31.8520, 72.5560

# Conversions

## Conversions Part 2

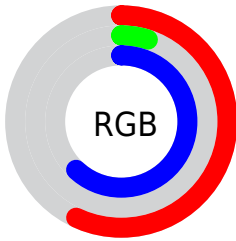
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 14, 158
Decimal	9506462
CIE <sub>Lab</sub>	35.60, 64.74, -45.51
CIE <sub>LCh</sub>	36, 79.137, 324.897
Yxy	8.8024, 0.3006, 0.1469
Android (android.graphics.Color)	4287696542 (0xFF910E9E)
YUV	69.5850, 43.5886, 66.1390
Hunter-Lab	29.6689, 56.4086, -45.3740

# Details

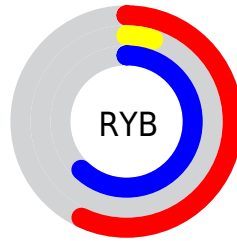
The Decimal color **9506462** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1809934**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **13259477**, and **5832810** is the 20% darker color. If you saturate the color by 10%, you get **9437342**, and if you desaturate by 10%, it is **9576094**.

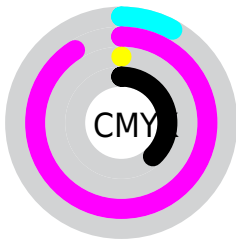
# Distribution



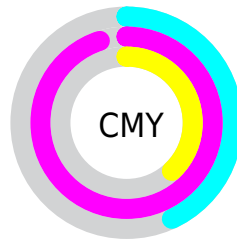
- Red (57%)
- Green (5%)
- Blue (62%)



- Red (57%)
- Yellow (5%)
- Blue (62%)



- Cyan (8%)
- Magenta (91%)
- Yellow (0%)
- Black (38%)



- Cyan (43%)
- Magenta (95%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9506462 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 9506462 by changing the saturation by 10% instead.





9506462



9506462

16777215



7667843



13259477



5832810



15232754



4063313



16747263



2424889



16754687



34



16761855



8



16769535



0

16776959



9506462



9506462

■ 9437342

■ 9576094

■ 9711262

■ 9780638

■ 9915806

■ 9985438

■ 10120606

■ 10190238

■ 10259614

■ 10394782

# Harmonies

## Analogous

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



18633



9506462



12058722

# Triad

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



9506462



7360000



27784

# Complementary

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



9506462



1809934

# 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.



27463



9506462



3301120

# Square

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



9506462



10299904



26368



27325

# Rectangle

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



9506462



12320824



26368



27763



# Sweetspot

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



9506462



13277135



924830



6702953



15263976



6908265



# Same Dimension

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



9506462



12320975



10358372



5130063



8519823



917519



# Inverse Universe

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



10358299



13565971



958024



5195592



9371661



983041



# Previews

## White Background



This preview shows how the Decimal color 9506462 looks on a white background.

## Color Contrast Check

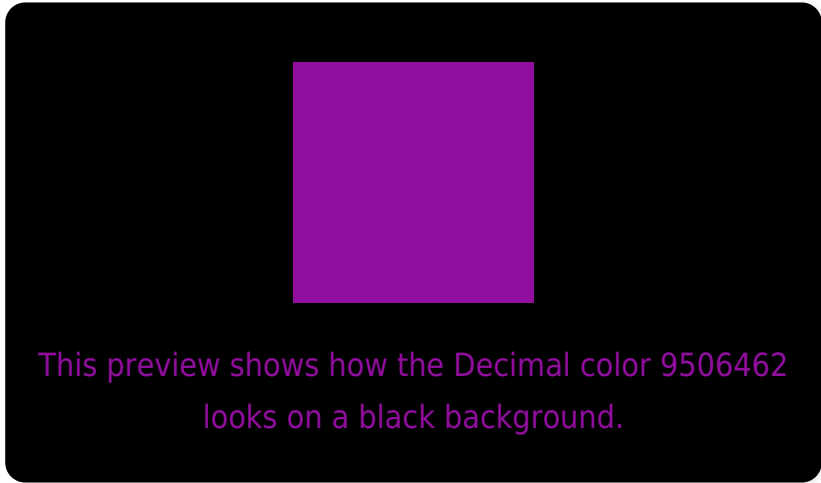
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

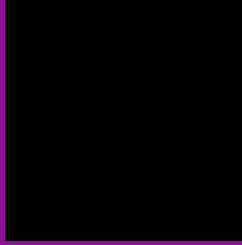
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9506462 Background



This preview shows how black text looks on a background with the Decimal color 9506462.

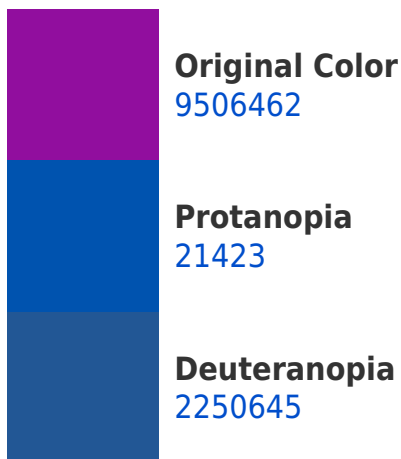


This preview shows how white text looks on a background with the Decimal color 9506462.

# 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**  
8798019

# Trichromacy



**Original Color**  
9506462

**Protanomaly**  
3488425

**Deuteranomaly**  
4865176

**Tritanomaly**  
9055588

# Monochromacy



**Original Color**  
9506462

**Achromatopsia**  
4605510

**Achromatomaly**  
6369894

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9506462 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 #910E9E looks like.

```
.text, #text, p{  
    color:#910E9E  
}
```

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 #910E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #910E9E
}
```

## Border

The CSS property to change the border of an element to Decimal 9506462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

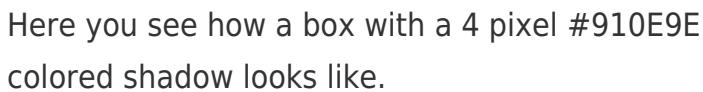
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#910E9E }
```

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

```
.border{ border-color:#910E9E }
```

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



Here you see how a box with a 4 pixel #910E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #910E9E; -webkit-box-shadow:4px 4px  
4px 4px #910E9E; box-shadow:4px 4px 4px  
4px #910E9E }
```

# Background

The CSS property to change the background color of an element to Decimal 9506462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#910E9E }
```

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

```
.background{ background-color:#910E9E }
```

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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