

# Converting Colors

Decimal(9446310)

Have a look what the booklet for  
Decimal(9446310) contains.

<b>Decimal(9446310)</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(9446310)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9023A6
RGB	144, 35, 166
RGB Percent	56%, 14%, 65%
CMY	0.4353, 0.8627, 0.3490
CMYK	0.13, 0.79, 0.00, 0.35
HSL	290°, 65%, 39%
HSV	290°, 79%, 65%
XYZ	18.9856, 9.8845, 36.9836
YIQ	82.5250, 22.9130, 63.8490

# Conversions

## Conversions Part 2

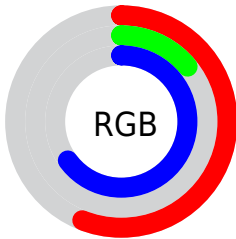
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	144, 35, 166
Decimal	9446310
CIE Lab	37.63, 61.10, -47.07
CIE LCh	38, 77.127, 322.388
Yxy	9.8845, 0.2883, 0.1501
Android (android.graphics.Color)	4287636390 (0xFF9023A6)
YUV	82.5250, 41.1532, 53.9136
Hunter-Lab	31.4397, 52.7719, -47.7372

# Details

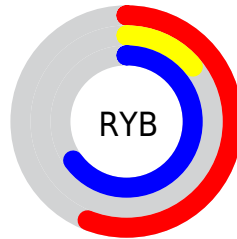
The Decimal color **9446310** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **3778083**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **13196766**, and **5832817** is the 20% darker color. If you saturate the color by 10%, you get **9245350**, and if you desaturate by 10%, it is **9647270**.

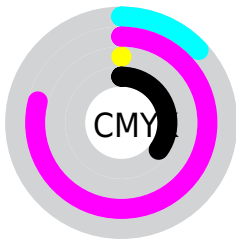
# Distribution



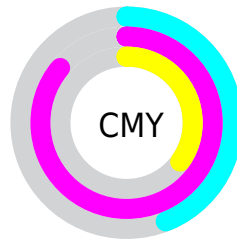
- Red (56%)
- Green (14%)
- Blue (65%)



- Red (56%)
- Yellow (14%)
- Blue (65%)



- Cyan (13%)
- Magenta (79%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (86%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9446310 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 9446310 by changing the saturation by 10% instead.




 9446310


 9446310

16777215

 7602315

 13196766

 5832817

 15170043

 4063320

 16750079

 2424896

 16757247

 41

 16764415

 275

 16771839

 0

 9446310

 9446310

 9245350

 9647270

9044646

9847974

9044134

9983398

10184102

10385062

10586022

10786726

10922150

11122854

# Harmonies

## Analogous

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



20686



9446310



12189803

# Triad

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



9446310



8016128



29063

# Complementary

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



9446310



3778083

# 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.



28742



9446310



4219648

# Square

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



9446310



10825216



27648



28604

# Rectangle

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



9446310



12582978



27648



29042



# Sweetspot

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



9446310



13673945



2309030



6835822



15592941



7237230



# Same Dimension

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



9446310



11930585



10888061



5459028



8061076



1114132



# Inverse Universe

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



10887993



14224173



2336332



5524557



9699353



1310723



# Previews

## White Background



This preview shows how the Decimal color 9446310 looks on a white background.

## Color Contrast Check

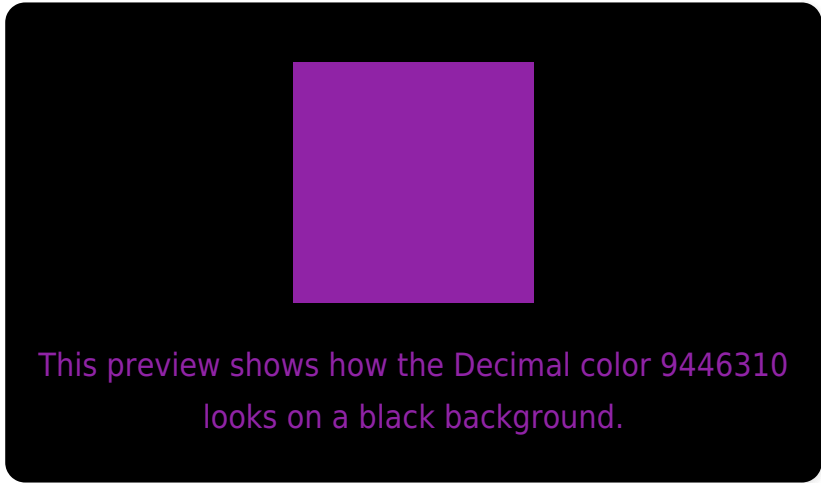
Large Text (above 18pt) WCAG AA ✓ Pass

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

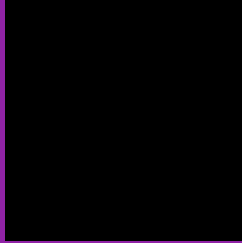
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9446310 Background



This preview shows how black text looks on a background with the Decimal color 9446310.




This preview shows how white text looks on a background with the Decimal color 9446310.

# 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



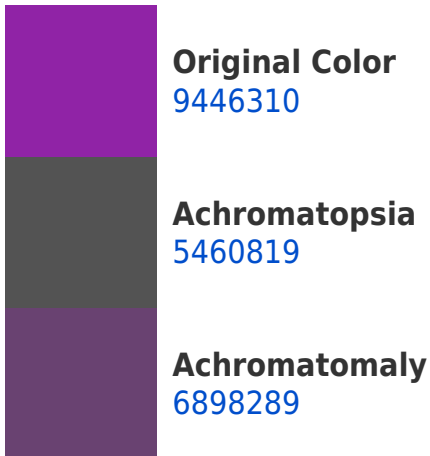


**Tritanopia**  
8669004

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9446310 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 #9023A6 looks like.

```
.text, #text, p{  
    color:#9023A6  
}
```

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 #9023A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9023A6
}
```

## Border

The CSS property to change the border of an element to Decimal 9446310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

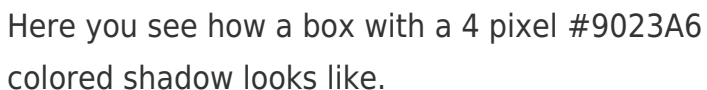
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9023A6 }
```

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

```
.border{ border-color:#9023A6 }
```

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



Here you see how a box with a 4 pixel #9023A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9023A6; -webkit-box-shadow:4px 4px  
4px 4px #9023A6; box-shadow:4px 4px 4px  
4px #9023A6 }
```

# Background

The CSS property to change the background color of an element to Decimal 9446310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9023A6 }
```

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

```
.background{ background-color:#9023A6 }
```

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