

# Converting Colors

Decimal(9396890)

Have a look what the booklet for  
Decimal(9396890) contains.

<b>Decimal(9396890)</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(9396890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F629A
RGB	143, 98, 154
RGB Percent	56%, 38%, 60%
CMY	0.4392, 0.6157, 0.3961
CMYK	0.07, 0.36, 0.00, 0.40
HSL	288°, 22%, 49%
HSV	288°, 36%, 60%
XYZ	21.5281, 16.9081, 32.7008
YIQ	117.8390, 8.8440, 26.9560

# Conversions

## Conversions Part 2

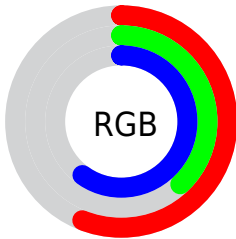
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 98, 154
Decimal	9396890
CIE <sub>Lab</sub>	48.14, 28.30, -23.34
CIE <sub>LCh</sub>	48, 36.686, 320.485
Yxy	16.9081, 0.3026, 0.2377
Android (android.graphics.Color)	4287586970 (0xFF8F629A)
YUV	117.8390, 17.8274, 22.0662
Hunter-Lab	41.1195, 21.4947, -18.3675

# Details

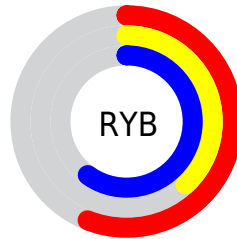
The Decimal color **9396890** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7182946**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **13014481**, and **6042215** is the 20% darker color. If you saturate the color by 10%, you get **9196442**, and if you desaturate by 10%, it is **9597338**.

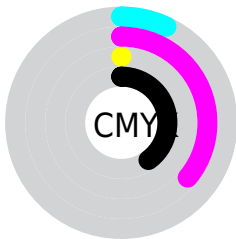
# Distribution



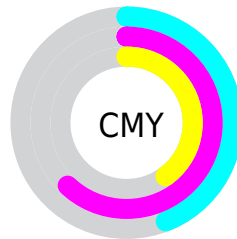
- Red (56%)
- Green (38%)
- Blue (60%)



- Red (56%)
- Yellow (38%)
- Blue (60%)



- Cyan (7%)
- Magenta (36%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (62%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9396890 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 9396890 by changing the saturation by 10% instead.



9396890

9396890

16777215

7686784

13014481

6042215

14856429

4397902

16764159

2884919

16771327

1507362

7

0

9396890

9396890

9196442

9597338

8995738

9798042

8795290

9998490

8594586

10199194

8394138

10399642

8193690

10600090

8126618

10800794

11001242

11201946

# Harmonies

## Analogous

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



6647468



9396890



10967421

# Triad

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



9396890



9268532



33415

# Complementary

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



9396890



7182946

# 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.



950887



9396890



7370550

# Square

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



9396890



10707524



5013065



32673

# Rectangle

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



9396890



11360361



5013065



33405



# Sweetspot

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



9396890



12956617



6450586



6510950



15132390



6710886



# Same Dimension

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



9396890



12087753



10117769



4932941



7405708



655373



# Inverse Universe

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



10117741



13201794



6462067



5064006



9175068

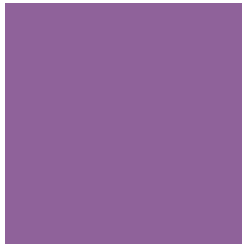


851971



# Previews

## White Background



This preview shows how the Decimal color 9396890 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



This preview shows how the Decimal color 9396890 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

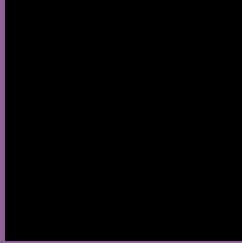
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9396890 Background



This preview shows how black text looks on a background with the Decimal color 9396890.




This preview shows how white text looks on a background with the Decimal color 9396890.

# 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**  
9005682

# Trichromacy



**Original Color**  
9396890

**Protanomaly**  
7498914

**Deuteranomaly**  
7826584

**Tritanomaly**  
9136001

# Monochromacy



**Original Color**  
9396890

**Achromatopsia**  
7763574

**Achromatomaly**  
8351619

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9396890 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 #8F629A looks like.

```
.text, #text, p{  
    color:#8F629A  
}
```

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 #8F629A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F629A
}
```

## Border

The CSS property to change the border of an element to Decimal 9396890 is called "border". The border property can be set on classes, ids or directly on the HTML element.

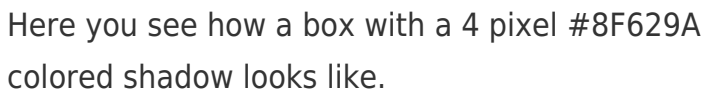
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F629A }
```

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

```
.border{ border-color:#8F629A }
```

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



Here you see how a box with a 4 pixel #8F629A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F629A; -webkit-box-shadow:4px 4px  
4px 4px #8F629A; box-shadow:4px 4px 4px  
4px #8F629A }
```

# Background

The CSS property to change the background color of an element to Decimal 9396890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F629A }
```

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

```
.background{ background-color:#8F629A }
```

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