

# Converting Colors

Decimal(9473699)

Have a look what the booklet for  
Decimal(9473699) contains.

|  |    |
|--|----|
| <b>Decimal(9473699)</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(9473699)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 908EA3                    |
| RGB         | 144, 142, 163             |
| RGB Percent | 56%, 56%, 64%             |
| CMY         | 0.4353, 0.4431, 0.3608    |
| CMYK        | 0.12, 0.13, 0.00, 0.36    |
| HSL         | 246°, 10%, 60%            |
| HSV         | 246°, 13%, 64%            |
| XYZ         | 27.7855, 27.9196, 38.5749 |
| YIQ         | 144.9920, -5.5490, 6.9550 |

# Conversions

## Conversions Part 2

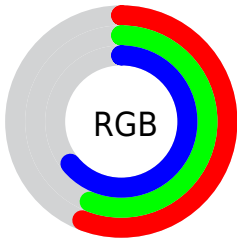
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">144, 142, 163</a>                                |
| Decimal                             | <a href="#">9473699</a>                                      |
| CIELab                              | <a href="#">59.82, 5.05, -10.80</a>                          |
| CIElCh                              | <a href="#">60, 11.922, 295.048</a>                          |
| Yxy                                 | <a href="#">27.9196, 0.2947, 0.2961</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4287663779</a><br>( <a href="#">0xFF908EA3</a> ) |
| YUV                                 | <a href="#">144.9920, 8.8779, -0.8700</a>                    |
| Hunter-Lab                          | <a href="#">52.8390, 1.3961, -6.2971</a>                     |

# Details

The Decimal color **9473699** is a light color, and the websafe version is hex **999999**. A complement of this color would be **10593166**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **13026522**, and **6184047** is the 20% darker color. If you saturate the color by 10%, you get **8486563**, and if you desaturate by 10%, it is **10460835**.

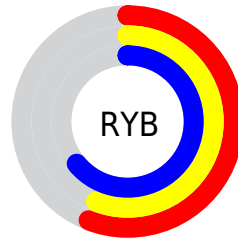
# Distribution



Red (56%)

Green (56%)

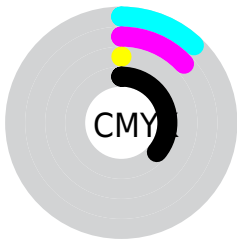
Blue (64%)



Red (56%)

Yellow (56%)

Blue (64%)

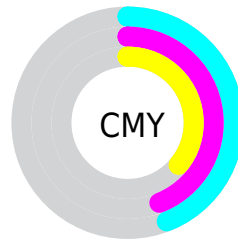


Cyan (12%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (44%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9473699 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 9473699 by changing the saturation by 10% instead.





9473699



9473699

16777215



7763081



13026522



6184047



14868726



4605015



16776447



3092032



1710634



22



0



9473699



9473699



8486563



10460835

■ 7564707

■ 11382691

■ 6577571

■ 12369827

■ 5590435

■ 13356963

■ 4603299

■ 14344355

■ 3681443

■ 15265955

■ 2694307

■ 16252835

■ 1707171

■ 16777123

■ 1048739

# Harmonies

## Analogous

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



8622757



9473699



10259356

# Triad

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



9473699



10718079



7968398

# Complementary

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



9473699



10593166

# 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.



8623492



9473699



10129275

# Square

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



9473699



10979720



9409149



7706265

# Rectangle

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



9473699



10652054



9409149



8165002

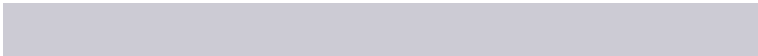


# Sweetspot

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



9473699



13421524



9347491



6710891



15461355



7039851



# Same Dimension

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



9473699



12039380



10129059



4868434



917649



131090



# Inverse Universe

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



10718881



13939921



9937806



5392721



9502852



1179664



# Previews

## White Background



This preview shows how the Decimal color 9473699 looks on a white 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

# Black Background



This preview shows how the Decimal color 9473699 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

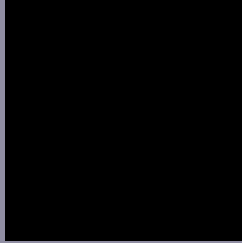
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

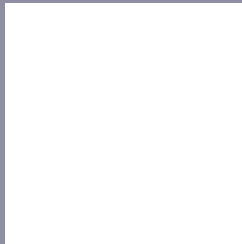
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9473699 Background



This preview shows how black text looks on a background with the Decimal color 9473699.



This preview shows how white text looks on a background with the Decimal color 9473699.

# 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



**Original Color**


9473699

**Protanopia**

9277348

**Deuteranopia**

9800867



**Tritanopia**  
9408411

# Trichromacy



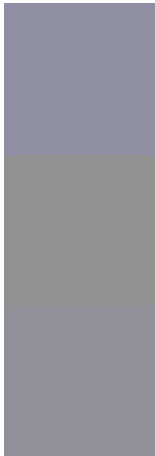
**Original Color**  
9473699

**Protanomaly**  
9342884

**Deuteranomaly**  
9670051

**Tritanomaly**  
9408414

# Monochromacy



**Original Color**  
9473699

**Achromatopsia**  
9539985

**Achromatomaly**  
9539736

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9473699 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 #908EA3 looks like.

```
.text, #text, p{  
    color:#908EA3  
}
```

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 #908EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #908EA3
}
```

## Border

The CSS property to change the border of an element to Decimal 9473699 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
#908EA3 }
```

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

```
.border{ border-color:#908EA3 }
```

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

Here you see how a box with a 4 pixel #908EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #908EA3; -webkit-box-shadow:4px 4px  
4px 4px #908EA3; box-shadow:4px 4px 4px  
4px #908EA3 }
```

# Background

The CSS property to change the background color of an element to Decimal 9473699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#908EA3 }
```

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

```
.background{ background-color:#908EA3 }
```

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