

# Converting Colors

Decimal(10452406)

Have a look what the booklet for  
Decimal(10452406) contains.

<b>Decimal(10452406)</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(10452406)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F7DB6
RGB	159, 125, 182
RGB Percent	62%, 49%, 71%
CMY	0.3765, 0.5098, 0.2863
CMYK	0.13, 0.31, 0.00, 0.29
HSL	276°, 28%, 60%
HSV	276°, 31%, 71%
XYZ	30.0752, 25.4156, 47.5765
YIQ	141.6640, 1.9670, 24.9350

# Conversions

## Conversions Part 2

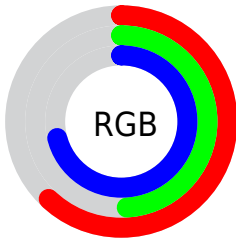
Format	Color
<a href="#">RYB</a>	<a href="#">159, 125, 182</a>
Decimal	<a href="#">10452406</a>
CIELab	<a href="#">57.48, 24.00, -25.08</a>
CIELCh	<a href="#">57, 34.713, 313.741</a>
Yxy	<a href="#">25.4156, 0.2918, 0.2466</a>
Android (android.graphics.Color)	<a href="#">4288642486</a> ( <a href="#">0xFF9F7DB6</a> )
YUV	<a href="#">141.6640, 19.8856, 15.2037</a>
Hunter-Lab	<a href="#">50.4138, 18.2628, -20.6634</a>

# Details

The Decimal color **10452406** is a light color, and the websafe version is hex **996699**. A complement of this color would be **9746045**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **14070510**, and **7031937** is the 20% darker color. If you saturate the color by 10%, you get **9989046**, and if you desaturate by 10%, it is **10915766**.

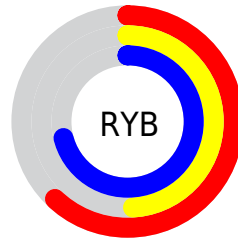
# Distribution



Red (62%)

Green (49%)

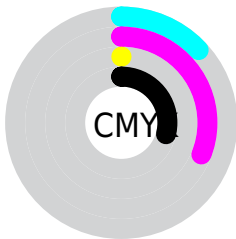
Blue (71%)



Red (62%)

Yellow (49%)

Blue (71%)

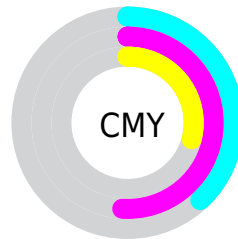


Cyan (13%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (38%)

Magenta (51%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10452406 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 10452406 by changing the saturation by 10% instead.



■ 10452406

■ 10452406

16777215

■ 8676507

■ 14070510

■ 7031937

■ 15978239

■ 5387368

■ 16771839

■ 3808847

■ 2296120

■ 589859

■ 8

■ 0

■ 10452406

■ 10452406

9989046

10915766

9460150

11444662

8996534

11908278

8533174

12371638

8004278

12900534

7540918

13363894

7143606

13827254

14352310

14811062

# Harmonies

## Analogous

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



7637189



10452406



12219548

# Triad

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



10452406



11305552



301719

# Complementary

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



10452406



9746045

# 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.



4626808



10452406



9473358

# Square

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



10452406



12548193



7246941



39091

# Rectangle

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



10452406



12808839



7246941



2333325



# Sweetspot

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



10452406



15063277



8230326



7564152



16250871



7895160



# Same Dimension

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



10452406



13210605



11959729



5788508



6095004



1114140



# Inverse Universe

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



11959700



15569847



8238722



6050646



10223679



1835019



# Previews

## White Background



This preview shows how the Decimal color 10452406 looks on a white background.

## Color Contrast Check

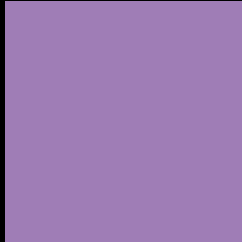
Large Text (above 18pt) WCAG AA ✓ Pass

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 10452406 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

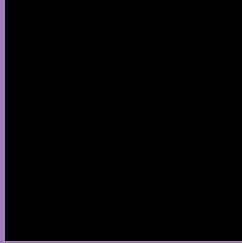
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10452406 Background



This preview shows how black text looks on a background with the Decimal color 10452406.




This preview shows how white text looks on a background with the Decimal color 10452406.

# 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**  
10061199

# Trichromacy



**Original Color**  
10452406

**Protanomaly**  
8881340

**Deuteranomaly**  
9209013

**Tritanomaly**  
10191517

# Monochromacy



**Original Color**  
10452406

**Achromatopsia**  
9342606

**Achromatomaly**  
9734301

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10452406 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 #9F7DB6 looks like.

```
.text, #text, p{  
    color:#9F7DB6  
}
```

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 #9F7DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F7DB6
}
```

## Border

The CSS property to change the border of an element to Decimal 10452406 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
#9F7DB6 }
```

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

```
.border{ border-color:#9F7DB6 }
```

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

Here you see how a box with a 4 pixel #9F7DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F7DB6; -webkit-box-shadow:4px 4px  
4px 4px #9F7DB6; box-shadow:4px 4px 4px  
4px #9F7DB6 }
```

# Background

The CSS property to change the background color of an element to Decimal 10452406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F7DB6 }
```

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

```
.background{ background-color:#9F7DB6 }
```

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