

# Converting Colors

Decimal(10063810)

Have a look what the booklet for  
Decimal(10063810) contains.

<b>Decimal(10063810)</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(10063810)**

# Conversions

## Conversions Part 1

Format	Color
Hex	998FC2
RGB	153, 143, 194
RGB Percent	60%, 56%, 76%
CMY	0.4000, 0.4392, 0.2392
CMYK	0.21, 0.26, 0.00, 0.24
HSL	252°, 29%, 66%
HSV	252°, 26%, 76%
XYZ	32.6969, 30.3123, 55.1665
YIQ	151.8040, -10.4110, 17.9810

# Conversions

## Conversions Part 2

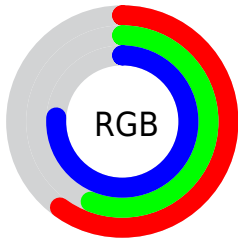
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 143, 194
Decimal	10063810
CIE <sub>Lab</sub>	61.92, 14.47, -25.09
CIE <sub>LCh</sub>	62, 28.965, 299.969
Yxy	30.3123, 0.2767, 0.2565
Android (android.graphics.Color)	4288253890 (0xFF998FC2)
YUV	151.8040, 20.8026, 1.0489
Hunter-Lab	55.0566, 9.6584, -20.8687

# Details

The Decimal color **10063810** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12108431**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **13682171**, and **6643084** is the 20% darker color. If you saturate the color by 10%, you get **9010370**, and if you desaturate by 10%, it is **11117250**.

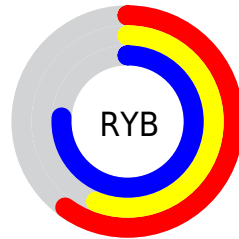
# Distribution



Red (60%)

Green (56%)

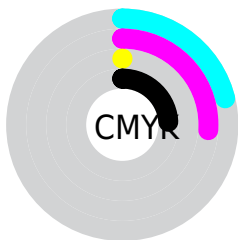
Blue (76%)



Red (60%)

Yellow (56%)

Blue (76%)

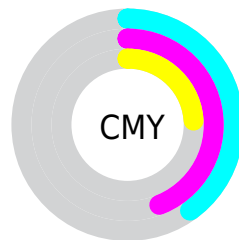


Cyan (21%)

Magenta (26%)

Yellow (0%)

Black (24%)



Cyan (40%)

Magenta (44%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10063810 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 10063810 by changing the saturation by 10% instead.



 10063810

 10063810

16777215

 8353191

 13682171

 6643084

 15524351

 4998515

 16776703

 3419994

 1907266

 589868

 278

 0

 10063810

 10063810

■ 9010370

■ 11117250

■ 8022210

■ 12105410

■ 6968770

■ 13158850

■ 5980610

■ 14147010

■ 4927170

■ 15200450

■ 3873730

■ 16252866

■ 2885570

■ 16777154

■ 2490562

# Harmonies

## Analogous

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



7575753



10063810



11962288

# Triad

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



10063810



12356458



5350549

# Complementary

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



10063810



12108431

# 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.



7250299



10063810



10982498

# Square

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



10063810



13141117



9215081



4170670

# Rectangle

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



10063810



12747679



9215081



5940108



# Sweetspot

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



10063810



15526140



9419202



7697280



0



8421504



# Same Dimension

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



10063810



12365052



11702210



5855073



2097313



458785



# Inverse Universe

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



12750776



16559341



10470031



6379359



10551425



2162715



# Previews

## White Background



This preview shows how the Decimal color 10063810 looks on a white background.

## Color Contrast Check

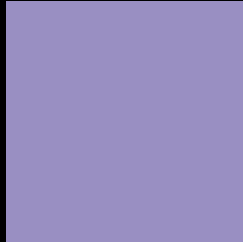
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 10063810 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

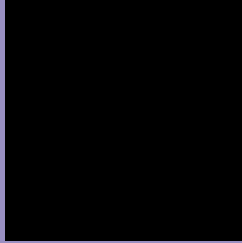
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10063810 Background



This preview shows how black text looks on a background with the Decimal color 10063810.



This preview shows how white text looks on a background with the Decimal color 10063810.

# 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**  
9672097

# Trichromacy



**Original Color**  
10063810

**Protanomaly**  
9343685

**Deuteranomaly**  
9540289

**Tritanomaly**  
9802669

# Monochromacy



**Original Color**  
10063810

**Achromatopsia**  
10000536

**Achromatomaly**  
9999783

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10063810 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 #998FC2 looks like.

```
.text, #text, p{  
    color:#998FC2  
}
```

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 #998FC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #998FC2
}
```

## Border

The CSS property to change the border of an element to Decimal 10063810 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
#998FC2 }
```

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

```
.border{ border-color:#998FC2 }
```

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

Here you see how a box with a 4 pixel #998FC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #998FC2; -webkit-box-shadow:4px 4px  
4px 4px #998FC2; box-shadow:4px 4px 4px  
4px #998FC2 }
```

# Background

The CSS property to change the background color of an element to Decimal 10063810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#998FC2 }
```

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

```
.background{ background-color:#998FC2 }
```

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