

# Converting Colors

Decimal(10047627)

Have a look what the booklet for  
Decimal(10047627) contains.

<b>Decimal(10047627)</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(10047627)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99508B
RGB	153, 80, 139
RGB Percent	60%, 31%, 55%
CMY	0.4000, 0.6863, 0.4549
CMYK	0.00, 0.48, 0.09, 0.40
HSL	312°, 31%, 46%
HSV	312°, 48%, 60%
XYZ	20.6657, 14.3737, 26.1113
YIQ	108.5530, 24.5690, 33.8250

# Conversions

## Conversions Part 2

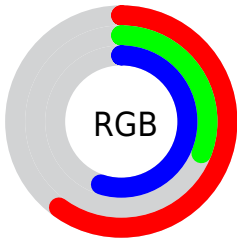
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 80, 139
Decimal	10047627
CIE <sub>Lab</sub>	44.76, 38.74, -19.49
CIE <sub>LCh</sub>	45, 43.371, 333.295
Yxy	14.3737, 0.3379, 0.2351
Android (android.graphics.Color)	4288237707 (0xFF99508B)
YUV	108.5530, 15.0104, 38.9800
Hunter-Lab	37.9127, 30.9510, -14.2955

# Details

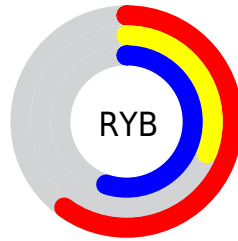
The Decimal color **10047627** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5282142**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **13731009**, and **6561369** is the 20% darker color. If you saturate the color by 10%, you get **10043784**, and if you desaturate by 10%, it is **10051470**.

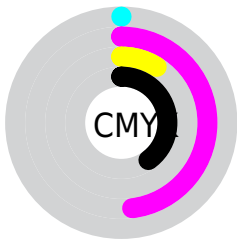
# Distribution



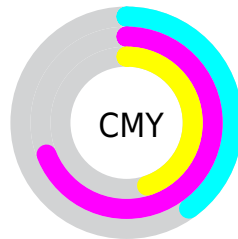
- Red (60%)
- Green (31%)
- Blue (55%)



- Red (60%)
- Yellow (31%)
- Blue (55%)



- Cyan (0%)
- Magenta (48%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10047627 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 10047627 by changing the saturation by 10% instead.



 10047627

 10047627

16777215

 8271729

 13731009

 6561369

 15638237

 4849729

 16759545

 3276843

 16766719

 1572886

 16774143

 0

 10047627

 10047627

 10043784

 10051470

 10039685

 10055569

10035842

10059412

10031999

10063255

10028156

10067354

10027132

10071197

10075040

10078882

10082981

# Harmonies

## Analogous

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



7364519



10047627



11225447

# Triad

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



10047627



8022300



31633

# Complementary

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



10047627



5282142

# 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.



31597



10047627



5600042

# Square

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



10047627



9919528



1800520



30378

# Rectangle

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



10047627



11291471



1800520



31621



# Sweetspot

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



10047627



13085634



6115481



6509408



14935011



6513507



# Same Dimension

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



10047627



13063857



10047591



5064011



9175153



851978



# Inverse Universe

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



10047627



13063857



5282178



5064011



9175153

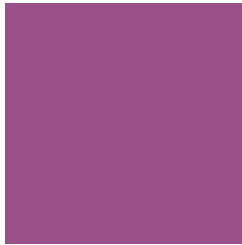


851978



# Previews

## White Background



This preview shows how the Decimal color 10047627 looks on a white background.

## Color Contrast Check

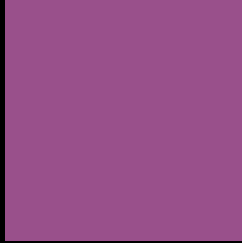
Large Text (above 18pt) WCAG AA ✓ Pass

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 10047627 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

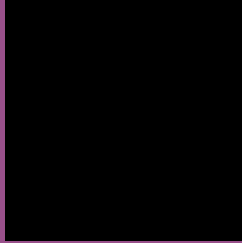
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10047627 Background



This preview shows how black text looks on a background with the Decimal color 10047627.

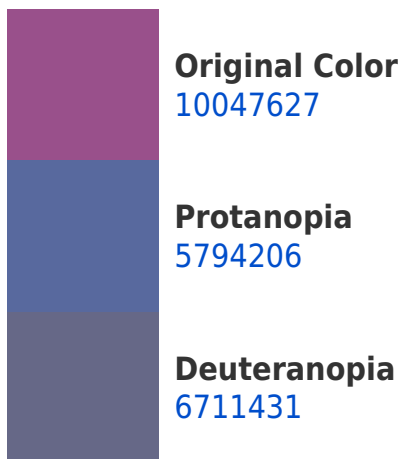


This preview shows how white text looks on a background with the Decimal color 10047627.

# 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**  
9722208

# Trichromacy



**Original Color**  
10047627

**Protanomaly**  
7364759

**Deuteranomaly**  
7954312

**Tritanomaly**  
9852528

# Monochromacy



**Original Color**  
10047627

**Achromatopsia**  
7171437

**Achromatomaly**  
8217208

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10047627 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 #99508B looks like.

```
.text, #text, p{  
    color:#99508B  
}
```

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 #99508B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99508B
}
```

## Border

The CSS property to change the border of an element to Decimal 10047627 is called "border". The border property can be set on classes, ids or directly on the HTML element.

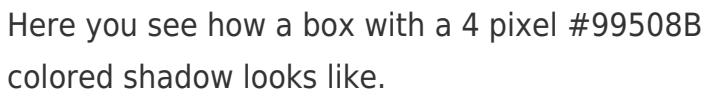
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99508B }
```

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

```
.border{ border-color:#99508B }
```

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



Here you see how a box with a 4 pixel #99508B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99508B; -webkit-box-shadow:4px 4px  
4px 4px #99508B; box-shadow:4px 4px 4px  
4px #99508B }
```

# Background

The CSS property to change the background color of an element to Decimal 10047627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99508B }
```

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

```
.background{ background-color:#99508B }
```

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](#).



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