

# Converting Colors

Decimal(10366825)

Have a look what the booklet for  
Decimal(10366825) contains.

<b>Decimal(10366825)</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(10366825)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E2F69
RGB	158, 47, 105
RGB Percent	62%, 18%, 41%
CMY	0.3804, 0.8157, 0.5882
CMYK	0.00, 0.70, 0.34, 0.38
HSL	329°, 54%, 40%
HSV	329°, 70%, 62%
XYZ	17.6669, 10.3221, 14.4258
YIQ	86.8010, 47.5380, 41.5700

# Conversions

## Conversions Part 2

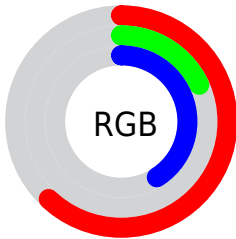
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 47, 105
Decimal	10366825
CIE <sub>Lab</sub>	38.41, 50.80, -8.14
CIE <sub>LCh</sub>	38, 51.453, 350.897
Yxy	10.3221, 0.4165, 0.2434
Android (android.graphics.Color)	4288556905 (0xFF9E2F69)
YUV	86.8010, 8.9721, 62.4415
Hunter-Lab	32.1280, 41.9316, -4.1323

# Details

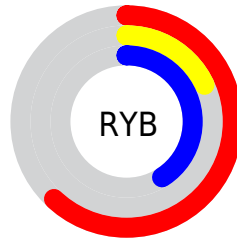
The Decimal color **10366825** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3120740**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **14182044**, and **6684730** is the 20% darker color. If you saturate the color by 10%, you get **10362721**, and if you desaturate by 10%, it is **10370929**.

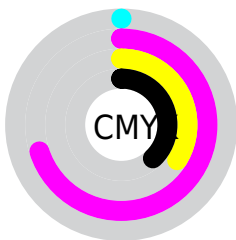
# Distribution



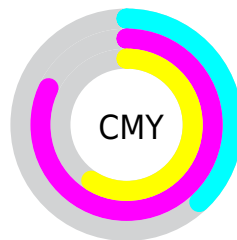
- Red (62%)
- Green (18%)
- Blue (41%)



- Red (62%)
- Yellow (18%)
- Blue (41%)



- Cyan (0%)
- Magenta (70%)
- Yellow (34%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10366825 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 10366825 by changing the saturation by 10% instead.




 10366825       10366825

16777215       8523089

 14182044       6684730

 16155063       4915236

 16751827       3342351

 16759023       131072

 16766463       0

 16773887

 10366825       10366825

 10362721       10370929

10358618

10375032

10354771

10378880

10382983

10387087

10391190

10395294

10399141

10403245

# Harmonies

## Analogous

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



8405392



10366825



10694719

# Triad

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



10366825



5398784



27547

# Complementary

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



10366825



3120740

# 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.



28023



10366825



1403169

# Square

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



10366825



7885824



27980



25517

# Rectangle

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



10366825



10238757



27980



27792



# Sweetspot

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



10366825



13607866



6500254



6901340



15263976



6908265



# Same Dimension

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



10366825



13574524



10366771



5195595



9371723



983048



# Inverse Universe

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



10366825



13574524



3120794



5195595



9371723



983048



# Previews

## White Background



This preview shows how the Decimal color 10366825 looks on a white background.

## Color Contrast Check

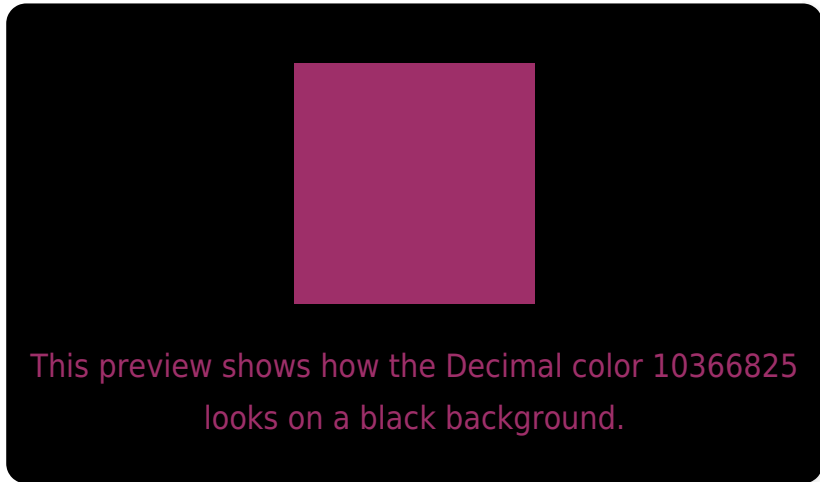
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 10366825 Background



This preview shows how black text looks on a background with the Decimal color 10366825.



This preview shows how white text looks on a background with the Decimal color 10366825.

# 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**  
10366825

**Protanopia**  
5069447

**Deuteranopia**  
6379875



# Trichromacy



**Original Color**

10366825

**Protanomaly**

6965884

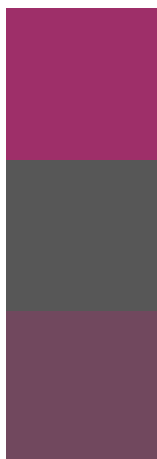
**Deuteranomaly**

7817829

**Tritanomaly**

10237518

# Monochromacy



**Original Color**

10366825

**Achromatopsia**

5723991

**Achromatomaly**

7424094

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10366825 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 #9E2F69 looks like.

```
.text, #text, p{  
    color:#9E2F69  
}
```

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 #9E2F69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E2F69
}
```

## Border

The CSS property to change the border of an element to Decimal 10366825 is called "border". The border property can be set on classes, ids or directly on the HTML element.

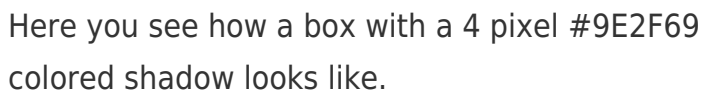
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E2F69 }
```

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

```
.border{ border-color:#9E2F69 }
```

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



Here you see how a box with a 4 pixel #9E2F69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E2F69; -webkit-box-shadow:4px 4px  
4px 4px #9E2F69; box-shadow:4px 4px 4px  
4px #9E2F69 }
```

# Background

The CSS property to change the background color of an element to Decimal 10366825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E2F69 }
```

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

```
.background{ background-color:#9E2F69 }
```

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