

# Converting Colors

Decimal(10038620)

Have a look what the booklet for  
Decimal(10038620) contains.

<b>Decimal(10038620)</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(10038620)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	992D5C
RGB	153, 45, 92
RGB Percent	60%, 18%, 36%
CMY	0.4000, 0.8235, 0.6392
CMYK	0.00, 0.71, 0.40, 0.40
HSL	334°, 55%, 39%
HSV	334°, 71%, 60%
XYZ	16.0070, 9.4218, 11.1001
YIQ	82.6500, 49.2810, 37.5130

# Conversions

## Conversions Part 2

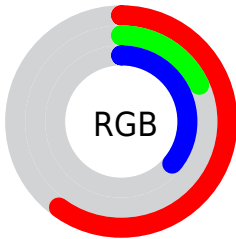
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 45, 92
Decimal	10038620
CIE <sub>Lab</sub>	36.78, 48.60, -2.42
CIE <sub>LCh</sub>	37, 48.661, 357.146
Yxy	9.4218, 0.4382, 0.2579
Android (android.graphics.Color)	4288228700 (0xFF992D5C)
YUV	82.6500, 4.6095, 61.6969
Hunter-Lab	30.6949, 39.3694, 0.0455

# Details

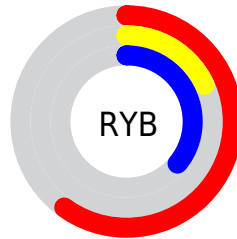
The Decimal color **10038620** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2988394**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **13853582**, and **6357038** is the 20% darker color. If you saturate the color by 10%, you get **10034771**, and if you desaturate by 10%, it is **10042469**.

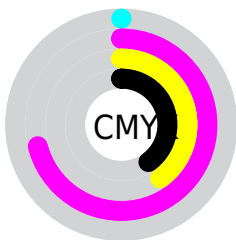
# Distribution



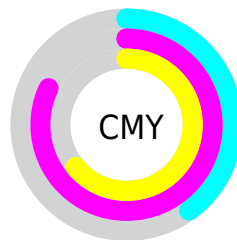
- Red (60%)
- Green (18%)
- Blue (36%)



- Red (60%)
- Yellow (18%)
- Blue (36%)



- Cyan (0%)
- Magenta (71%)
- Yellow (40%)
- Black (40%)



- Cyan (40%)
- Magenta (82%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10038620 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 10038620 by changing the saturation by 10% instead.



 10038620

 10038620

16777215

 8194885

 13853582

 6357038

 15826600

 4587546

 16751044

 3014658

 16758240

 0

 16765436

 16772863

 10038620

 10038620

 10034771

 10042469

10030667

10046573

10027075

10050422

10054271

10058375

10062224

10066072

10069921

10074026

# Harmonies

## Analogous

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



8534914



10038620



10105397

# Triad

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



10038620



4611840



26008

# Complementary

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



10038620



2988394

# 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.



26745



10038620



25897

# Square

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



10038620



7099392



26705



23717

# Rectangle

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



10038620



9452830



26705



26255



# Sweetspot

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



10038620



13082031



6827417



6507349



14935011



6513507



# Same Dimension

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



10038620



13049447



10039853



5064008



9175101



851974



# Inverse Universe

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



10038620



13049447



2987161



5064008



9175101

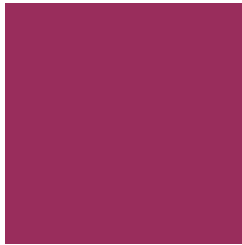


851974



# Previews

## White Background



This preview shows how the Decimal color 10038620 looks on a white background.

## Color Contrast Check

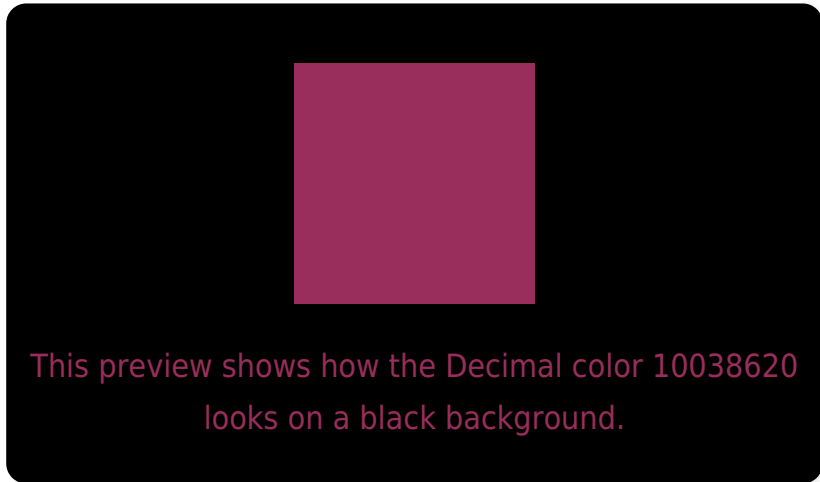
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

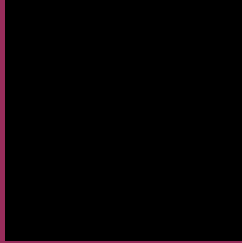
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10038620 Background



This preview shows how black text looks on a background with the Decimal color 10038620.



This preview shows how white text looks on a background with the Decimal color 10038620.

# 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**  
9909817

# Trichromacy



**Original Color**  
10038620

**Protanomaly**  
6965101

**Deuteranomaly**  
7685721

**Tritanomaly**  
9974598

# Monochromacy



**Original Color**  
10038620

**Achromatopsia**  
5460819

**Achromatomaly**  
7095638

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10038620 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 #992D5C looks like.

```
.text, #text, p{  
  color:#992D5C  
}
```

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 #992D5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #992D5C
}
```

## Border

The CSS property to change the border of an element to Decimal 10038620 is called "border". The border property can be set on classes, ids or directly on the HTML element.

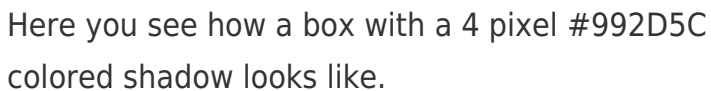
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#992D5C }
```

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

```
.border{ border-color:#992D5C }
```

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



Here you see how a box with a 4 pixel #992D5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #992D5C; -webkit-box-shadow:4px 4px  
4px 4px #992D5C; box-shadow:4px 4px 4px  
4px #992D5C }
```

# Background

The CSS property to change the background color of an element to Decimal 10038620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#992D5C }
```

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

```
.background{ background-color:#992D5C }
```

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