

# Converting Colors

Decimal(3218751)

Have a look what the booklet for  
Decimal(3218751) contains.

<b>Decimal(3218751)</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(3218751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	311D3F
RGB	49, 29, 63
RGB Percent	19%, 11%, 25%
CMY	0.8078, 0.8863, 0.7529
CMYK	0.22, 0.54, 0.00, 0.75
HSL	275°, 37%, 18%
HSV	275°, 54%, 25%
XYZ	2.6032, 1.8906, 4.9303
YIQ	38.8560, 1.0060, 14.8140

# Conversions

## Conversions Part 2

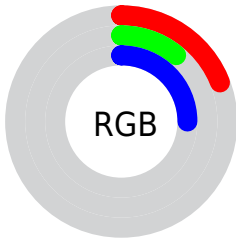
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 29, 63
Decimal	3218751
CIE Lab	14.90, 17.52, -18.01
CIE LCh	15, 25.121, 314.211
Yxy	1.8906, 0.2762, 0.2006
Android (android.graphics.Color)	4281408831 (0xFF311D3F)
YUV	38.8560, 11.9030, 8.8963
Hunter-Lab	13.7498, 9.7324, -11.6350

# Details

The Decimal color **3218751** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2834205**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **6310255**, and **276** is the 20% darker color. If you saturate the color by 10%, you get **3020607**, and if you desaturate by 10%, it is **3416895**.

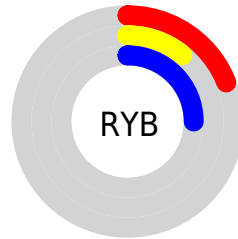
# Distribution



Red (19%)

Green (11%)

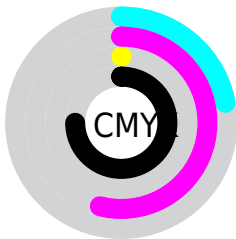
Blue (25%)



Red (19%)

Yellow (11%)

Blue (25%)

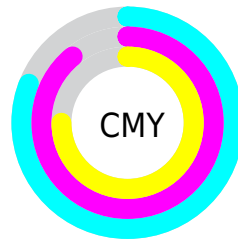


Cyan (22%)

Magenta (54%)

Yellow (0%)

Black (75%)



Cyan (81%)

Magenta (89%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3218751 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 3218751 by changing the saturation by 10% instead.





3218751



3218751

16777215



1836585



6310255



276



7954824



0



9665187



11441342



13283290



15125238



16770815



3218751



3218751

■ 3020607

■ 3416895

■ 2887743

■ 3549759

■ 2689599

■ 3747903

■ 2556991

■ 3880511

■ 2424895

■ 4078911

■ 4277055

■ 4409663

■ 4607807

■ 4740671

# Harmonies

## Analogous

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



1189192



3218751



4265520

# Triad

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



3218751



3612928



11822

# Complementary

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



3218751



2834205

# 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.



11547



3218751



2631424

# Square

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



3218751



4266508



1256200



11582

# Rectangle

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



3218751



4527140



1256200



11816



# Sweetspot

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



3218751



4998482



1911615



2498857



11053224



2697513



# Same Dimension

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



3218751



3939666



4136252



1907743



3604574



8519902



# Inverse Universe

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



4136235



5381426



1916704



2038813



6160423



14549083



# Previews

## White Background



This preview shows how the Decimal color 3218751 looks on a white background.

## Color Contrast Check

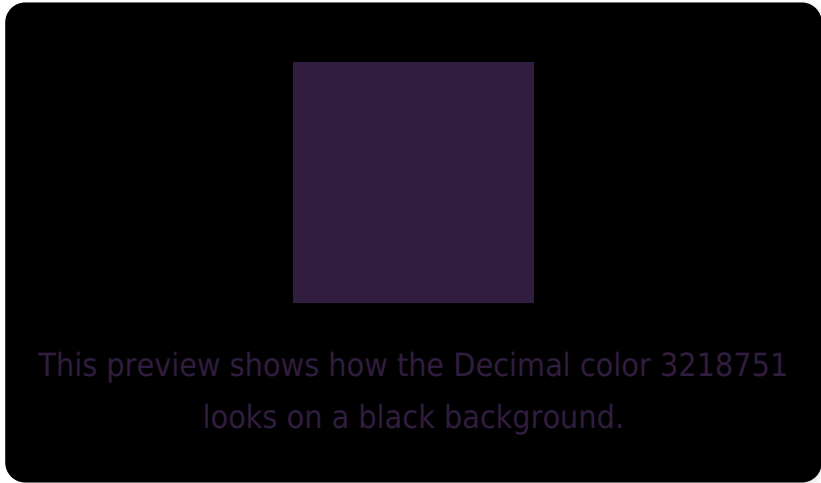
Large Text (above 18pt) WCAG AA ✓ Pass

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

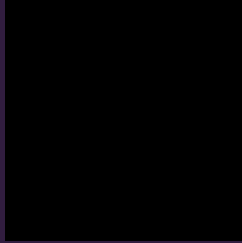
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3218751 Background



This preview shows how black text looks on a background with the Decimal color 3218751.



This preview shows how white text looks on a background with the Decimal color 3218751.

# 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**

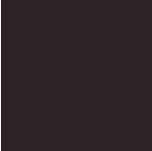
3218751

**Protanopia**

1320263

**Deuteranopia**

1582653



**Tritanopia**  
2958118

# Trichromacy



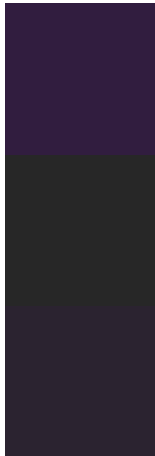
**Original Color**  
3218751

**Protanomaly**  
2040388

**Deuteranomaly**  
2171710

**Tritanomaly**  
3023151

# Monochromacy



**Original Color**  
3218751

**Achromatopsia**  
2565927

**Achromatomaly**  
2827056

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3218751 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 #311D3F looks like.

```
.text, #text, p{  
  color:#311D3F  
}
```

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 #311D3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311D3F
}
```

## Border

The CSS property to change the border of an element to Decimal 3218751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

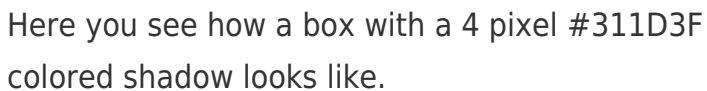
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#311D3F }
```

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

```
.border{ border-color:#311D3F }
```

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



Here you see how a box with a 4 pixel #311D3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311D3F; -webkit-box-shadow:4px 4px  
4px 4px #311D3F; box-shadow:4px 4px 4px  
4px #311D3F }
```

# Background

The CSS property to change the background color of an element to Decimal 3218751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311D3F }
```

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

```
.background{ background-color:#311D3F }
```

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