

# Converting Colors

Decimal(6949436)

Have a look what the booklet for  
Decimal(6949436) contains.

<b>Decimal(6949436)</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(6949436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A0A3C
RGB	106, 10, 60
RGB Percent	42%, 4%, 24%
CMY	0.5843, 0.9608, 0.7647
CMYK	0.00, 0.91, 0.43, 0.58
HSL	329°, 83%, 23%
HSV	329°, 91%, 42%
XYZ	6.8680, 3.6075, 4.6093
YIQ	44.4040, 41.1660, 35.9020

# Conversions

## Conversions Part 2

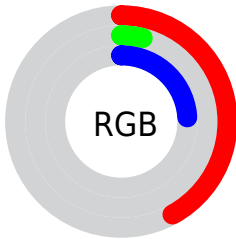
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 10, 60
Decimal	6949436
CIE <sub>Lab</sub>	22.33, 43.05, -3.62
CIE <sub>LCh</sub>	22, 43.199, 355.194
Yxy	3.6075, 0.4553, 0.2391
Android (android.graphics.Color)	4285139516 (0xFF6A0A3C)
YUV	44.4040, 7.6888, 54.0197
Hunter-Lab	18.9934, 31.3070, -1.0930

# Details

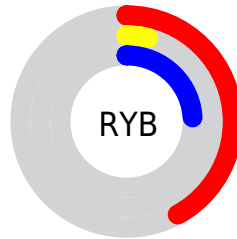
The Decimal color **6949436** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **682552**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **10568555**, and **3604498** is the 20% darker color. If you saturate the color by 10%, you get **6946871**, and if you desaturate by 10%, it is **6952257**.

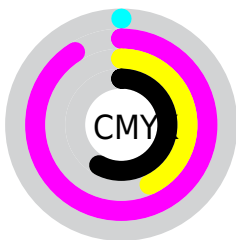
# Distribution



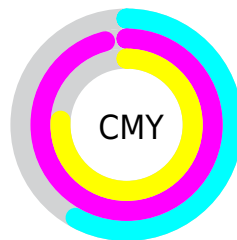
- Red (42%)
- Green (4%)
- Blue (24%)



- Red (42%)
- Yellow (4%)
- Blue (24%)



- Cyan (0%)
- Magenta (91%)
- Yellow (43%)
- Black (58%)



- Cyan (58%)
- Magenta (96%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6949436 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 6949436 by changing the saturation by 10% instead.



6949436

6949436

16777215

5177382

10568555

3604498

12475780

1441792

14383262

0

16290489

16756437

16763633

16770815

6949436

6949436

6946871

6952257

6954822

6957643

6960208

6963029

6965850

6968416

6971237

6973802

# Harmonies

## Analogous

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



5643611



6949436



7016732

# Triad

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



6949436



2702080



16746

# Complementary

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



6949436



682552

# 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.



17232



6949436



16396

# Square

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



6949436



4665856



17199



15222

# Rectangle

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



6949436



6561285



17199



16995



# Sweetspot

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



6949436



9069944



3607146



4534074



12895428



4539717



# Same Dimension

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



6949436



9044040



6949389



3551283



7667773



16056448



# Inverse Universe

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



6949436



9044040



682599



3551283



7667773

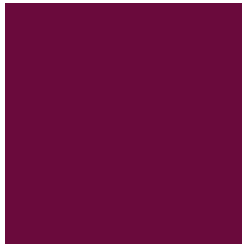


16056448



# Previews

## White Background



This preview shows how the Decimal color 6949436 looks on a white background.

## Color Contrast Check

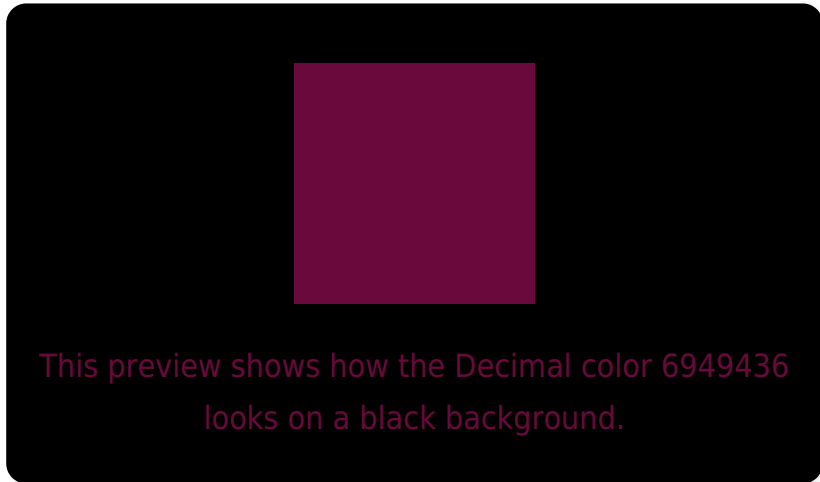
Large Text (above 18pt) WCAG AA ✓ Pass

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

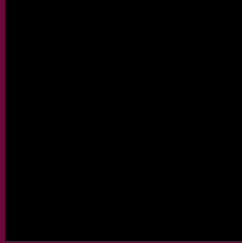
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6949436 Background



This preview shows how black text looks on a background with the Decimal color 6949436.



This preview shows how white text looks on a background with the Decimal color 6949436.

# 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**  
6949436

**Protanopia**  
3028821

**Deuteranopia**  
4077112



**Tritanopia**  
6822170

# Trichromacy



**Original Color**

6949436

**Protanomaly**

4466508

**Deuteranomaly**

5121593

**Tritanomaly**

6886438

# Monochromacy



**Original Color**

6949436

**Achromatopsia**

2894892

**Achromatomaly**

4399154

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6949436 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 #6A0A3C looks like.

```
.text, #text, p{  
  color:#6A0A3C  
}
```

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 #6A0A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0A3C
}
```

## Border

The CSS property to change the border of an element to Decimal 6949436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

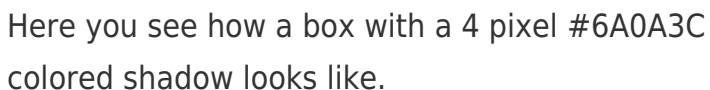
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A0A3C }
```

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

```
.border{ border-color:#6A0A3C }
```

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



Here you see how a box with a 4 pixel #6A0A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A0A3C; -webkit-box-shadow:4px 4px  
4px 4px #6A0A3C; box-shadow:4px 4px 4px  
4px #6A0A3C }
```

# Background

The CSS property to change the background color of an element to Decimal 6949436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0A3C }
```

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

```
.background{ background-color:#6A0A3C }
```

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