

# Converting Colors

Decimal(6948149)

Have a look what the booklet for  
Decimal(6948149) contains.

<b>Decimal(6948149)</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(6948149)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A0535
RGB	106, 5, 53
RGB Percent	42%, 2%, 21%
CMY	0.5843, 0.9804, 0.7922
CMYK	0.00, 0.95, 0.50, 0.58
HSL	331°, 91%, 22%
HSV	331°, 95%, 42%
XYZ	6.6407, 3.4298, 3.6802
YIQ	40.6710, 44.7880, 36.3400

# Conversions

## Conversions Part 2

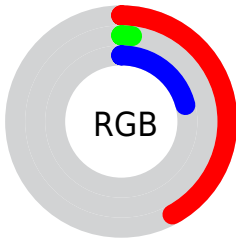
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 5, 53
Decimal	6948149
CIELab	21.69, 43.48, 0.32
CIELCh	22, 43.484, 0.417
Yxy	3.4298, 0.4829, 0.2494
Android (android.graphics.Color)	4285138229 (0xFF6A0535)
YUV	40.6710, 6.0782, 57.2935
Hunter-Lab	18.5196, 31.5970, 1.1818

# Details

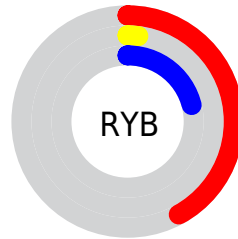
The Decimal color **6948149** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **354874**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **10633571**, and **3604487** is the 20% darker color. If you saturate the color by 10%, you get **6946866**, and if you desaturate by 10%, it is **6950971**.

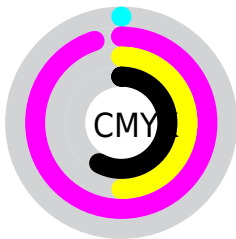
# Distribution



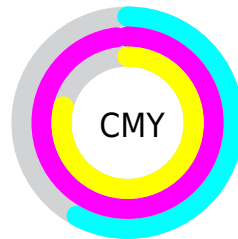
- Red (42%)
- Green (2%)
- Blue (21%)



- Red (42%)
- Yellow (2%)
- Blue (21%)



- Cyan (0%)
- Magenta (95%)
- Yellow (50%)
- Black (58%)



- Cyan (58%)
- Magenta (98%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6948149 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 6948149 by changing the saturation by 10% instead.



6948149

6948149

16777215

5177376

10633571

3604487

12475260

1179648

14382486

0

16355505

16755660

16762856

16770303

6948149

6948149

■ 6946866

■ 6950971

■ 6953536

■ 6956358

■ 6958923

■ 6961745

■ 6964566

■ 6967132

■ 6969953

■ 6972519

# Harmonies

## Analogous

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



5904212



6948149



6820374

# Triad

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



6948149



2177792



16236

# Complementary

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



6948149



354874

# 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.



16980



6948149



16401

# Square

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



6948149



4272896



16692



14453

# Rectangle

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



6948149



6233856



16692



16485



# Sweetspot

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



6948149



9069173



3736938



4533560



12895428



4539717



# Same Dimension

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



6948149



9044033



6948613



3551283



7667768



16056436



# Inverse Universe

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



6948149



9044033



354410



3551283



7667768

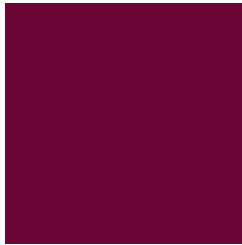


16056436



# Previews

## White Background



This preview shows how the Decimal color 6948149 looks on a white background.

## Color Contrast Check

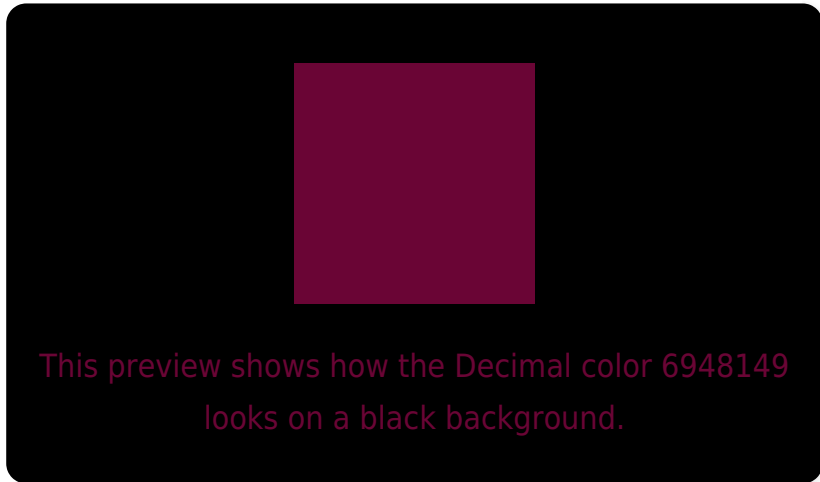
Large Text (above 18pt) WCAG AA ✓ Pass

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 6948149 Background



This preview shows how black text looks on a background with the Decimal color 6948149.



This preview shows how white text looks on a background with the Decimal color 6948149.

# 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**  
6948149

**Protanopia**  
3225420

**Deuteranopia**  
4142385



# Trichromacy



**Original Color**  
6948149

**Protanomaly**  
4597060

**Deuteranomaly**  
5186610

**Tritanomaly**  
6885153

# Monochromacy



**Original Color**  
6948149

**Achromatopsia**  
2697513

**Achromatomaly**  
4267053

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6948149 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 #6A0535 looks like.

```
.text, #text, p{  
  color:#6A0535  
}
```

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 #6A0535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0535
}
```

## Border

The CSS property to change the border of an element to Decimal 6948149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

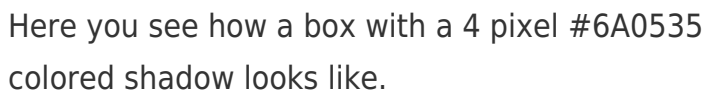
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A0535 }
```

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

```
.border{ border-color:#6A0535 }
```

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



Here you see how a box with a 4 pixel #6A0535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A0535; -webkit-box-shadow:4px 4px  
4px 4px #6A0535; box-shadow:4px 4px 4px  
4px #6A0535 }
```

# Background

The CSS property to change the background color of an element to Decimal 6948149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0535 }
```

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

```
.background{ background-color:#6A0535 }
```

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