

# Converting Colors

Decimal(6949133)

Have a look what the booklet for  
Decimal(6949133) contains.

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**Color**

**Decimal(6949133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A090D
RGB	106, 9, 13
RGB Percent	42%, 4%, 5%
CMY	0.5843, 0.9647, 0.9490
CMYK	0.00, 0.92, 0.88, 0.58
HSL	358°, 84%, 23%
HSV	358°, 92%, 42%
XYZ	6.1142, 3.2886, 0.6933
YIQ	38.4590, 56.5280, 21.8080

# Conversions

## Conversions Part 2

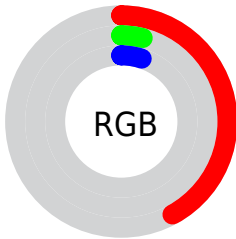
Format	Color
<b>RYB</b>	106, 9, 13
Decimal	6949133
CIELab	21.16, 40.15, 26.57
CIElCh	21, 48.147, 33.500
Yxy	3.2886, 0.6056, 0.3257
Android (android.graphics.Color)	4285139213 (0xFF6A090D)
YUV	38.4590, -12.5513, 59.2335
Hunter-Lab	18.1345, 28.4473, 10.4275

# Details

The Decimal color **6949133** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **617062**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **10764600**, and **3407873** is the 20% darker color. If you saturate the color by 10%, you get **6946820**, and if you desaturate by 10%, it is **6951959**.

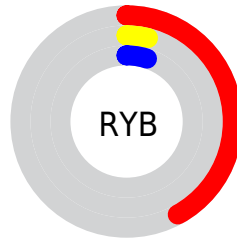
# Distribution



Red (42%)

Green (4%)

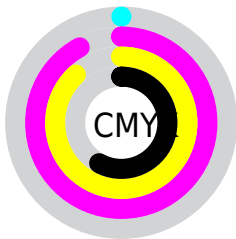
Blue (5%)



Red (42%)

Yellow (4%)

Blue (5%)

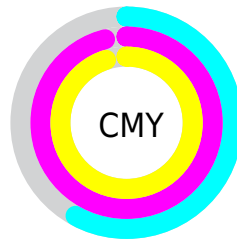


Cyan (0%)

Magenta (92%)

Yellow (88%)

Black (58%)



Cyan (58%)

Magenta (96%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6949133 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 6949133 by changing the saturation by 10% instead.



 6949133

 6949133

 16777197

 5111808

 10764600

 3407873

 12671823

 327680

 14710119

 0

 16682880

 16755610

 16762805

 16770001

 6949133

 6949133

■ 6946820

■ 6951959

■ 6954529

■ 6957355

■ 6959926

■ 6962752

■ 6965578

■ 6968148

■ 6970974

■ 6973544

# Harmonies

## Analogous

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



7209008



6949133



5776384

# Triad

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



6949133



16144



14203

# Complementary

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



6949133



617062

# 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.



16243



6949133



16694

# Square

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



6949133



1456896



16730



3352431

# Rectangle

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



6949133



4599552



16730



14971



# Sweetspot

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



6949133



9069926



6621546



4534064



12895428



4539717



# Same Dimension

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



6949133



9043974



6960393



3551280



7667717



16056330



# Inverse Universe

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



6949133



9043974



605802



3551280



7667717

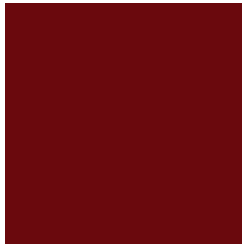


16056330



# Previews

## White Background



This preview shows how the Decimal color 6949133 looks on a white background.

## Color Contrast Check

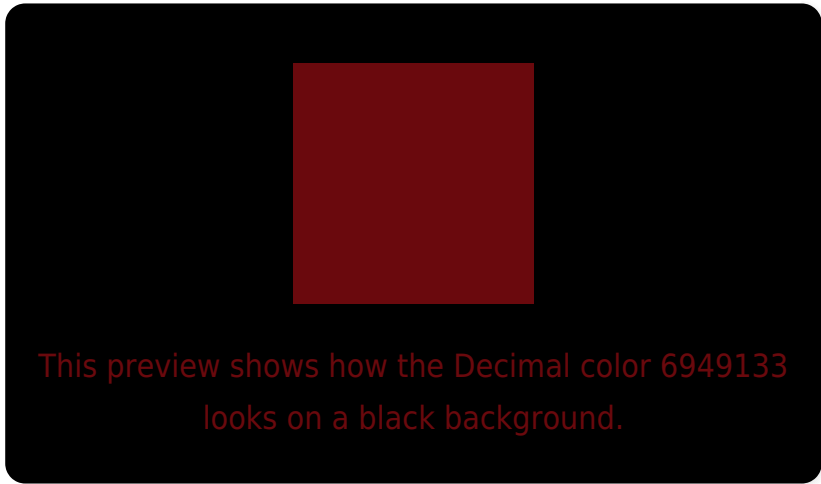
Large Text (above 18pt) WCAG AA ✓ Pass

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 6949133 Background



This preview shows how black text looks on a background with the Decimal color 6949133.



This preview shows how white text looks on a background with the Decimal color 6949133.

# 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**  
6949133

**Protanopia**  
3946006

**Deuteranopia**  
4469504



**Tritanopia**  
6949381

# Trichromacy



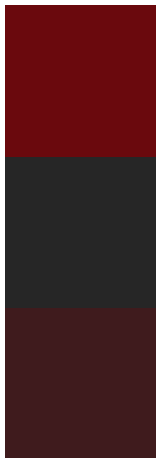
**Original Color**  
6949133

**Protanomaly**  
5056019

**Deuteranomaly**  
5383173

**Tritanomaly**  
6949384

# Monochromacy



**Original Color**  
6949133

**Achromatopsia**  
2500134

**Achromatomaly**  
4135709

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6949133 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 #6A090D looks like.

```
.text, #text, p{  
    color:#6A090D  
}
```

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 #6A090D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A090D
}
```

## Border

The CSS property to change the border of an element to Decimal 6949133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

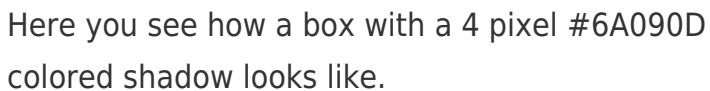
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A090D }
```

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

```
.border{ border-color:#6A090D }
```

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



Here you see how a box with a 4 pixel #6A090D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A090D; -webkit-box-shadow:4px 4px  
4px 4px #6A090D; box-shadow:4px 4px 4px  
4px #6A090D }
```

# Background

The CSS property to change the background color of an element to Decimal 6949133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A090D }
```

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

```
.background{ background-color:#6A090D }
```

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](#).



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