

# Converting Colors

Decimal(7013123)

Have a look what the booklet for  
Decimal(7013123) contains.

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**Color**

**Decimal(7013123)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B0303
RGB	107, 3, 3
RGB Percent	42%, 1%, 1%
CMY	0.5804, 0.9882, 0.9882
CMYK	0.00, 0.97, 0.97, 0.58
HSL	0°, 95%, 22%
HSV	0°, 97%, 42%
XYZ	6.1124, 3.1975, 0.3812
YIQ	34.0960, 61.9840, 22.0480

# Conversions

## Conversions Part 2

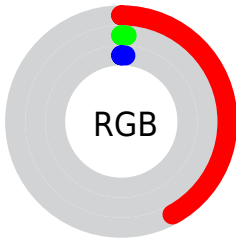
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 3, 3
Decimal	7013123
CIELab	20.82, 41.62, 30.44
CIElCh	21, 51.567, 36.180
Yxy	3.1975, 0.6307, 0.3299
Android (android.graphics.Color)	4285203203 (0xFF6B0303)
YUV	34.0960, -15.3303, 63.9368
Hunter-Lab	17.8816, 29.7235, 11.2532

# Details

The Decimal color **7013123** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **224107**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **10829361**, and **3473409** is the 20% darker color. If you saturate the color by 10%, you get **7012352**, and if you desaturate by 10%, it is **7015950**.

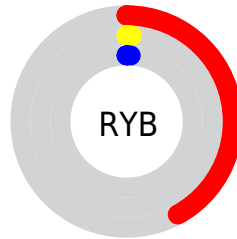
# Distribution



Red (42%)

Green (1%)

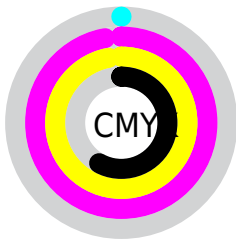
Blue (1%)



Red (42%)

Yellow (1%)

Blue (1%)

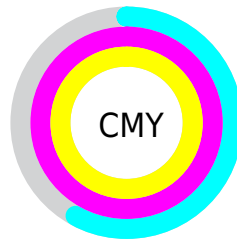


Cyan (0%)

Magenta (97%)

Yellow (97%)

Black (58%)



Cyan (58%)

Magenta (99%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7013123 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 7013123 by changing the saturation by 10% instead.



 7013123

 7013123

 16776932

 5111808

 10829361

 3473409

 12802119

 327680

 14840415

 0

 16747896

 16754834

 16762029

 16769480

 7013123

 7013123

■ 7012352

■ 7015950

■ 7018520

■ 7021347

■ 7024174

■ 7027001

■ 7029571

■ 7032398

■ 7035225

■ 7037795

# Harmonies

## Analogous

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



7405612



7013123



5645312

# Triad

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



7013123



16144



13695

# Complementary

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



7013123



224107

# 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.



15992



7013123



16697

# Square

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



7013123



604928



16735



3613552

# Rectangle

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



7013123



4402944



16735



14719



# Sweetspot

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



7013123



9200740



7013227



4664878



13092807



4671303



# Same Dimension

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



7013123



9175040



7026435



3551280



7667712



16056320



# Inverse Universe

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



224107



35980



210795



3159606



30069

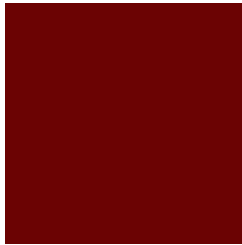


62965



# Previews

## White Background



This preview shows how the Decimal color 7013123 looks on a white background.

## Color Contrast Check

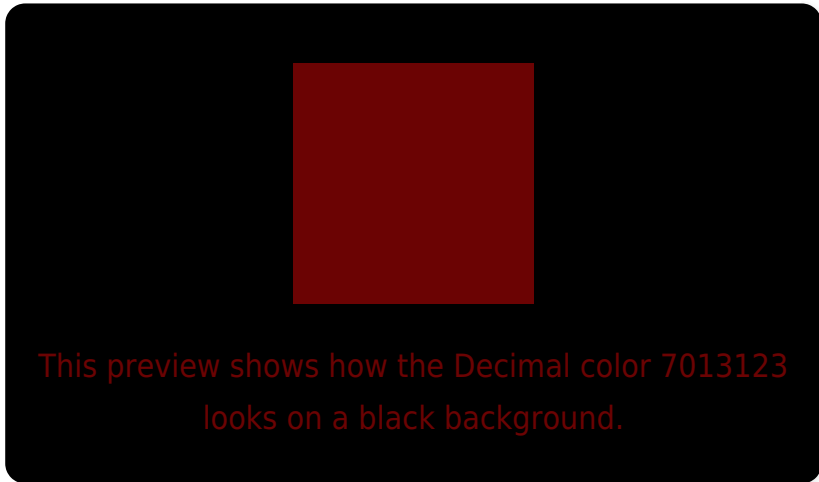
Large Text (above 18pt) WCAG AA ✓ Pass

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

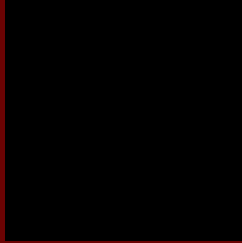
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7013123 Background



This preview shows how black text looks on a background with the Decimal color 7013123.



This preview shows how white text looks on a background with the Decimal color 7013123.

# 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**  
7013123

**Protanopia**  
4011534

**Deuteranopia**  
4469504



**Tritanopia**  
6949376

# Trichromacy



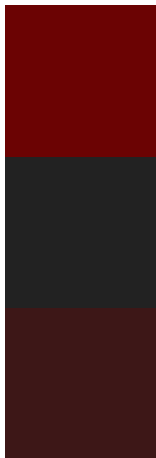
**Original Color**  
7013123

**Protanomaly**  
5120778

**Deuteranomaly**  
5382657

**Tritanomaly**  
6948609

# Monochromacy



**Original Color**  
7013123

**Achromatopsia**  
2236962

**Achromatomaly**  
4003607

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7013123 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 #6B0303 looks like.

```
.text, #text, p{  
    color:#6B0303  
}
```

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 #6B0303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0303
}
```

## Border

The CSS property to change the border of an element to Decimal 7013123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

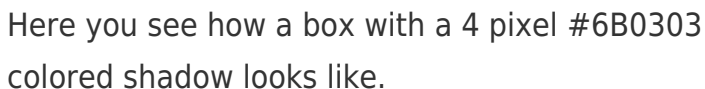
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0303 }
```

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

```
.border{ border-color:#6B0303 }
```

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



Here you see how a box with a 4 pixel #6B0303 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0303; -webkit-box-shadow:4px 4px  
4px 4px #6B0303; box-shadow:4px 4px 4px  
4px #6B0303 }
```

# Background

The CSS property to change the background color of an element to Decimal 7013123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0303 }
```

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

```
.background{ background-color:#6B0303 }
```

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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