

# Converting Colors

Decimal(7405597)

Have a look what the booklet for  
Decimal(7405597) contains.

<b>Decimal(7405597)</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(7405597)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71001D
RGB	113, 0, 29
RGB Percent	44%, 0%, 11%
CMY	0.5569, 1.0000, 0.8863
CMYK	0.00, 1.00, 0.74, 0.56
HSL	345°, 100%, 22%
HSV	345°, 100%, 44%
XYZ	7.0318, 3.5994, 1.4865
YIQ	37.0930, 58.0390, 32.9750

# Conversions

## Conversions Part 2

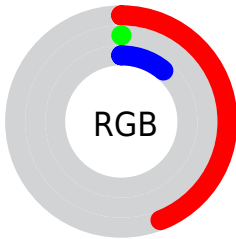
Format	Color
<b>R<sub>YB</sub></b>	113, 0, 29
Decimal	7405597
CIE Lab	22.30, 44.81, 18.23
CIE LCh	22, 48.381, 22.141
Yxy	3.5994, 0.5803, 0.2970
Android (android.graphics.Color)	4285595677 (0xFF71001D)
YUV	37.0930, -3.9898, 66.5704
Hunter-Lab	18.9721, 32.9579, 8.6349

# Details

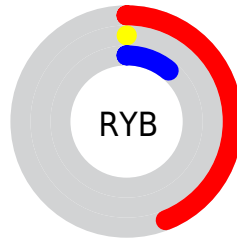
The Decimal color **7405597** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **29012**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **11222856**, and **3801089** is the 20% darker color. If you saturate the color by 10%, you get **7405597**, and if you desaturate by 10%, it is **7408421**.

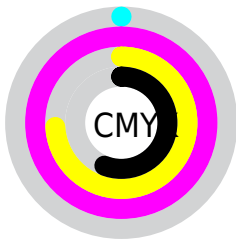
# Distribution



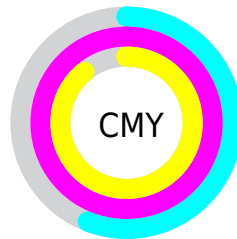
- Red (44%)
- Green (0%)
- Blue (11%)



- Red (44%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (56%)



- Cyan (56%)
- Magenta (100%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7405597 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 7405597 by changing the saturation by 10% instead.



 7405597


 7405597

16777215


 5570564

 11222856

 3801089

 13195616

 1572865

 15168633

 0

 16748434

 16755373

 16762568


 16770020

 7405597

 7408421

 7411502

 7414326

 7417151

 7420231

 7423055

 7425880

 7428704

 7431785

# Harmonies

## Analogous

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



7209024



7405597



6561280

# Triad

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



740597



16640



15742

# Complementary

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



740597



29012

# 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.



17262



7405597



17194

# Square

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



7405597



2767616



17488



864377

# Rectangle

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



7405597



5516032



17488



16251



# Sweetspot

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



7405597



9726067



5439601



4861750



13224393



4868682



# Same Dimension

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



7405597



9699366



7412224



3682868



7864351



16187455



# Inverse Universe

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



7405597



9699366



22385



3682868



7864351

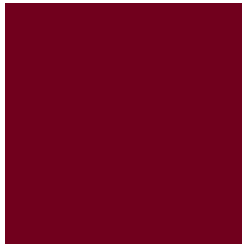


16187455



# Previews

## White Background



This preview shows how the Decimal color 7405597 looks on a white background.

## Color Contrast Check

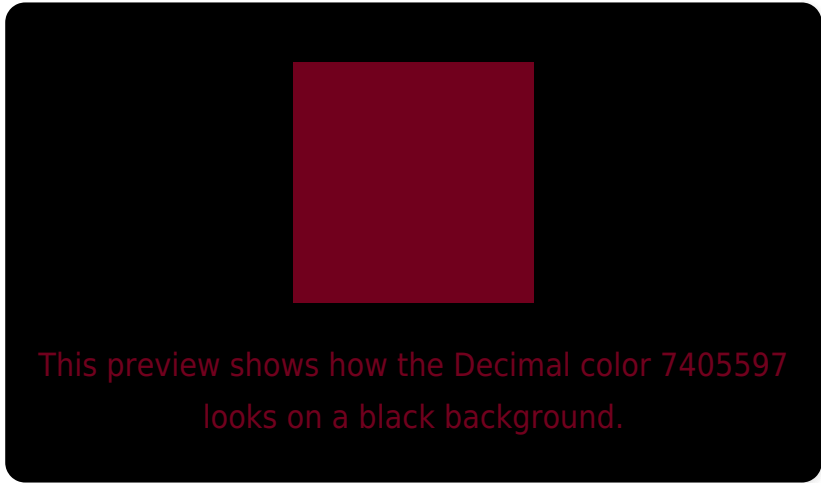
Large Text (above 18pt) WCAG AA ✓ Pass

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

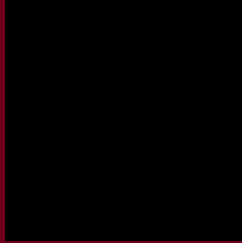
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7405597 Background



This preview shows how black text looks on a background with the Decimal color 7405597.



This preview shows how white text looks on a background with the Decimal color 7405597.

# 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**  
7405597

**Protanopia**  
4012332

**Deuteranopia**  
4667159



**Tritanopia**  
7408648

# Trichromacy



**Original Color**

7405597

**Protanomaly**

5252135

**Deuteranomaly**

5645081

**Tritanomaly**

7407632

# Monochromacy



**Original Color**

7405597

**Achromatopsia**

2434341

**Achromatomaly**

4266018

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7405597 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 #71001D looks like.

```
.text, #text, p{  
    color:#71001D  
}
```

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 #71001D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71001D
}
```

## Border

The CSS property to change the border of an element to Decimal 7405597 is called "border". The border property can be set on classes, ids or directly on the HTML element.

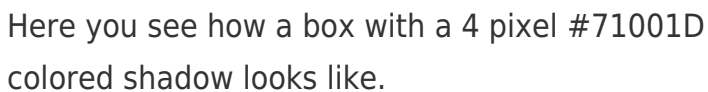
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71001D }
```

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

```
.border{ border-color:#71001D }
```

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



Here you see how a box with a 4 pixel `#71001D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71001D; -webkit-box-shadow:4px 4px  
4px 4px #71001D; box-shadow:4px 4px 4px  
4px #71001D }
```

# Background

The CSS property to change the background color of an element to Decimal 7405597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71001D }
```

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

```
.background{ background-color:#71001D }
```

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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