

# Converting Colors

Decimal(7483480)

Have a look what the booklet for  
Decimal(7483480) contains.

<b>Decimal(7483480)</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(7483480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	723058
RGB	114, 48, 88
RGB Percent	45%, 19%, 35%
CMY	0.5529, 0.8118, 0.6549
CMYK	0.00, 0.58, 0.23, 0.55
HSL	324°, 41%, 32%
HSV	324°, 58%, 45%
XYZ	9.7578, 6.3959, 9.9528
YIQ	72.2940, 26.4960, 26.4320

# Conversions

## Conversions Part 2

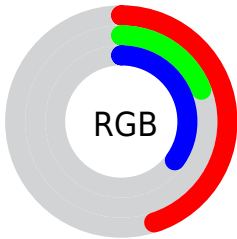
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 48, 88
Decimal	7483480
CIE <sub>Lab</sub>	30.39, 34.16, -10.11
CIE <sub>LCh</sub>	30, 35.629, 343.515
Yxy	6.3959, 0.3738, 0.2450
Android (android.graphics.Color)	4285673560 (0xFF723058)
YUV	72.2940, 7.7431, 36.5762
Hunter-Lab	25.2901, 24.6141, -5.6301

# Details

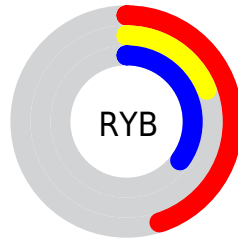
The Decimal color **7483480** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3174986**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **11035018**, and **4128811** is the 20% darker color. If you saturate the color by 10%, you get **7480660**, and if you desaturate by 10%, it is **7486300**.

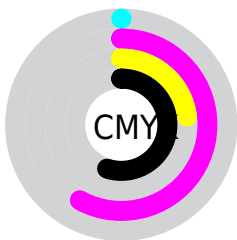
# Distribution



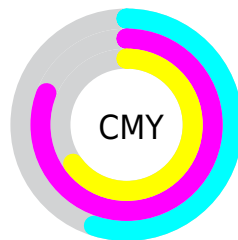
- Red (45%)
- Green (19%)
- Blue (35%)



- Red (45%)
- Yellow (19%)
- Blue (35%)



- Cyan (0%)
- Magenta (58%)
- Yellow (23%)
- Black (55%)




- Cyan (55%)
- Magenta (81%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7483480 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 7483480 by changing the saturation by 10% instead.



 7483480

 7483480

16777215

 5773121

 11035018

 4128811

 12876708

 2818071

 14718399

 0

 16626139


 16764152

 16771583

 7483480

 7483480

 7480660

 7486300

7477583

7489377

7474763

7492197

7471686

7495274

7471173

7498094

7500915

7503991

7506812

7509888

# Harmonies

## Analogous

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



5847920



7483480



8007228

# Triad

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



7483480



4868619



21357

# Complementary

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



7483480



3174986

# 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.



21844



7483480



2838557

# Square

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



7483480



6504719



21559



20349

# Rectangle

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



7483480



7811626



21559



21605



# Sweetspot

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



7483480



9730954



4796530



4864836



13224393



4868682



# Same Dimension

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



7483480



9711212



7483448



3682870



7864393



16187542



# Inverse Universe

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



7483480



9711212



3175018



3682870



7864393

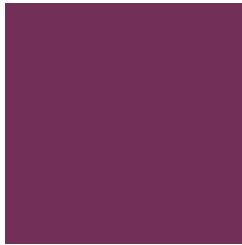


16187542



# Previews

## White Background



This preview shows how the Decimal color 7483480 looks on a white background.

## Color Contrast Check

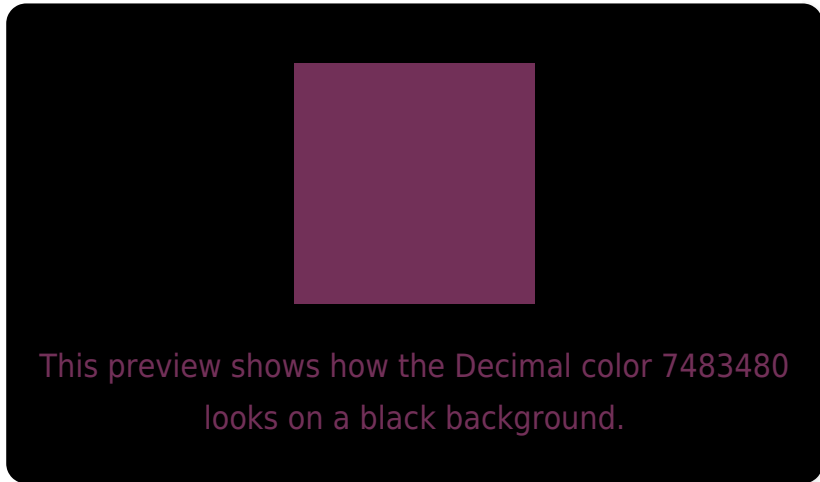
Large Text (above 18pt) WCAG AA ✓ Pass

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

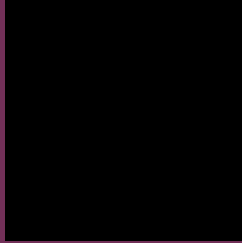
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7483480 Background



This preview shows how black text looks on a background with the Decimal color 7483480.



This preview shows how white text looks on a background with the Decimal color 7483480.

# 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**  
7483480

**Protanopia**  
4015977

**Deuteranopia**  
4867924



# Trichromacy



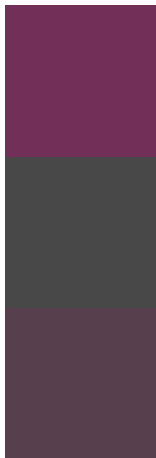
**Original Color**  
7483480

**Protanomaly**  
5259107

**Deuteranomaly**  
5848917

**Tritanomaly**  
7353414

# Monochromacy



**Original Color**  
7483480

**Achromatopsia**  
4737096

**Achromatomaly**  
5717838

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7483480 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 #723058 looks like.

```
.text, #text, p{  
    color:#723058  
}
```

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 #723058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #723058
}
```

## Border

The CSS property to change the border of an element to Decimal 7483480 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".

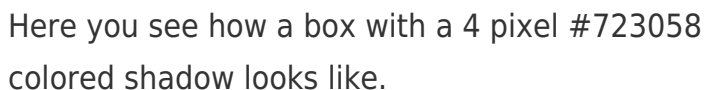
```
.border, #border, table{ border:4px solid
#723058 }
```

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

```
.border{ border-color:#723058 }
```

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

Here you see how a box with a 4 pixel #723058 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #723058; -webkit-box-shadow:4px 4px  
4px 4px #723058; box-shadow:4px 4px 4px  
4px #723058 }
```

# Background

The CSS property to change the background color of an element to Decimal 7483480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#723058 }
```

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

```
.background{ background-color:#723058 }
```

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