

# Converting Colors

Decimal(7473766)

Have a look what the booklet for  
Decimal(7473766) contains.

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**Color**

**Decimal(7473766)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	720A66
RGB	114, 10, 102
RGB Percent	45%, 4%, 40%
CMY	0.5529, 0.9608, 0.6000
CMYK	0.00, 0.91, 0.11, 0.55
HSL	307°, 84%, 24%
HSV	307°, 91%, 45%
XYZ	9.4462, 4.7538, 12.9901
YIQ	51.5840, 32.4520, 50.6600

# Conversions

## Conversions Part 2

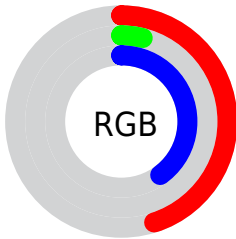
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 10, 102
Decimal	7473766
CIE <sub>Lab</sub>	26.02, 50.48, -26.01
CIE <sub>LCh</sub>	26, 56.781, 332.741
Yxy	4.7538, 0.3474, 0.1748
Android (android.graphics.Color)	4285663846 (0xFF720A66)
YUV	51.5840, 24.8551, 54.7388
Hunter-Lab	21.8032, 39.1795, -20.0620

# Details

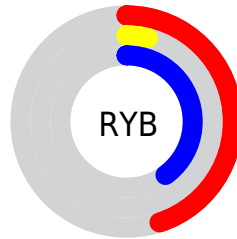
The Decimal color **7473766** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **684566**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **11093913**, and **4063287** is the 20% darker color. If you saturate the color by 10%, you get **7471205**, and if you desaturate by 10%, it is **7476583**.

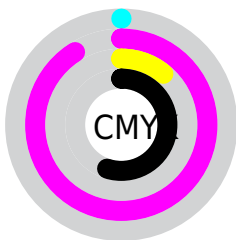
# Distribution



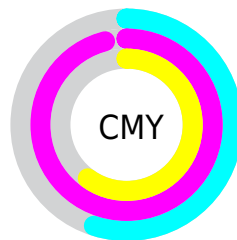
- Red (45%)
- Green (4%)
- Blue (40%)



- Red (45%)
- Yellow (4%)
- Blue (40%)



- Cyan (0%)
- Magenta (91%)
- Yellow (11%)
- Black (55%)



- Cyan (55%)
- Magenta (96%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7473766 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 7473766 by changing the saturation by 10% instead.



7473766

7473766

16777215

5701710

11093913

4063287

12935860

2490401

14843344

5

16750828

0

16758015

16765183

16772607

7473766

7473766

■ 7471205

■ 7476583

■ 7479657

■ 7482474

■ 7485547

■ 7488365

■ 7491182

■ 7494255

■ 7497073

■ 7500146

# Harmonies

## Analogous

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



3878791



7473766



8716348

# Triad

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



7473766



4799744



20332

# Complementary

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



7473766



684566

# 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.



20289



7473766



1787904

# Square

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



7473766



7023360



19729



19595

# Rectangle

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



7473766



8650784



19729



20318



# Sweetspot

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



7473766



9727119



1313394



4862535



13224393



4868682



# Same Dimension

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



7473766



9699459



7473716



3682871



7864426



16187611



# Inverse Universe

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



7473766



9699459



684616



3682871



7864426

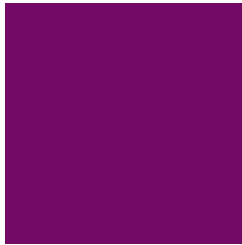


16187611



# Previews

## White Background



This preview shows how the Decimal color 7473766 looks on a white background.

## Color Contrast Check

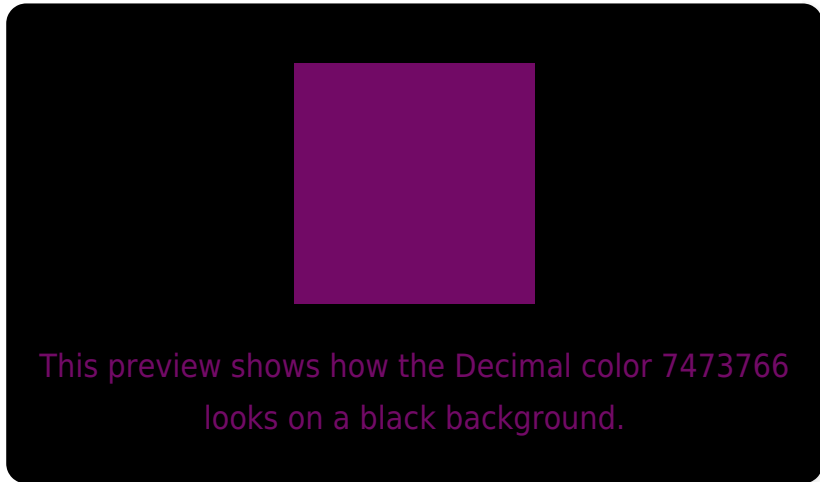
Large Text (above 18pt) WCAG AA ✓ Pass

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

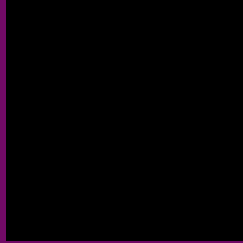
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7473766 Background



This preview shows how black text looks on a background with the Decimal color 7473766.



This preview shows how white text looks on a background with the Decimal color 7473766.

# 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





# Trichromacy



**Original Color**

7473766

**Protanomaly**

2698104

**Deuteranomaly**

4795490

**Tritanomaly**

7216704

# Monochromacy



**Original Color**

7473766

**Achromatopsia**

3421236

**Achromatomaly**

4924742

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7473766 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 #720A66 looks like.

```
.text, #text, p{  
    color:#720A66  
}
```

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 #720A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #720A66
}
```

## Border

The CSS property to change the border of an element to Decimal 7473766 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
#720A66 }
```

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

```
.border{ border-color:#720A66 }
```

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

Here you see how a box with a 4 pixel #720A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #720A66; -webkit-box-shadow:4px 4px  
4px 4px #720A66; box-shadow:4px 4px 4px  
4px #720A66 }
```

# Background

The CSS property to change the background color of an element to Decimal 7473766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#720A66 }
```

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

```
.background{ background-color:#720A66 }
```

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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