

# Converting Colors

Decimal(7471232)

Have a look what the booklet for  
Decimal(7471232) contains.

<b>Decimal(7471232)</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> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

**Color**

**Decimal(7471232)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	720080
RGB	114, 0, 128
RGB Percent	45%, 0%, 50%
CMY	0.5529, 1.0000, 0.4980
CMYK	0.11, 1.00, 0.00, 0.50
HSL	293°, 100%, 25%
HSV	293°, 100%, 50%
XYZ	10.8357, 5.1359, 20.8423
YIQ	48.6780, 26.8560, 63.9760

# Conversions

## Conversions Part 2

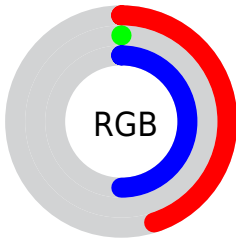
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 0, 128
Decimal	7471232
CIE <sub>Lab</sub>	27.12, 56.59, -40.92
CIE <sub>LCh</sub>	27, 69.833, 324.127
Yxy	5.1359, 0.2943, 0.1395
Android (android.graphics.Color)	4285661312 (0xFF720080)
YUV	48.6780, 39.1057, 57.2874
Hunter-Lab	22.6626, 45.6872, -38.6640

# Details

The Decimal color **7471232** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **950272**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **11093430**, and **3997774** is the 20% darker color. If you saturate the color by 10%, you get **7471232**, and if you desaturate by 10%, it is **7540096**.

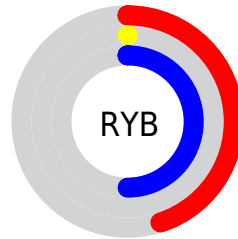
# Distribution



Red (45%)

Green (0%)

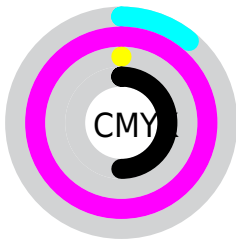
Blue (50%)



Red (45%)

Yellow (0%)

Blue (50%)

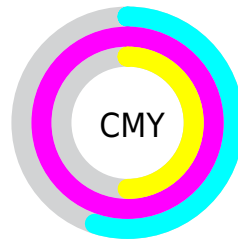


Cyan (11%)

Magenta (100%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (100%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7471232 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 7471232 by changing the saturation by 10% instead.





7471232



7471232

16777215



5701734



11093430



3997774



13000913



2424886



14908398



288



16750591



4



16757759



0



16764927



16772351



7471232

■ 7540096

■ 7674496

■ 7743104

■ 7877504

■ 7946368

■ 8015232

■ 8149632

■ 8218240

■ 8352640

# Harmonies

## Analogous

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



14244



7471232



9699405

# Triad

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



7471232



5782272



21611

# Complementary

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



7471232



950272

# 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.



21300



7471232



2312704

# Square

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



7471232



8264192



20480



21400

# Rectangle

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



7471232



9895978



20480



21593



# Sweetspot

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



7471232



10515622



3968



5322324



13948116



5526612



# Same Dimension

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



7471232



9699494



8388687



4143424



0

# Inverse Universe

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



8388622



10878994



32817



4208954



0

# Previews

## White Background



This preview shows how the Decimal color 7471232 looks on a white background.

## Color Contrast Check

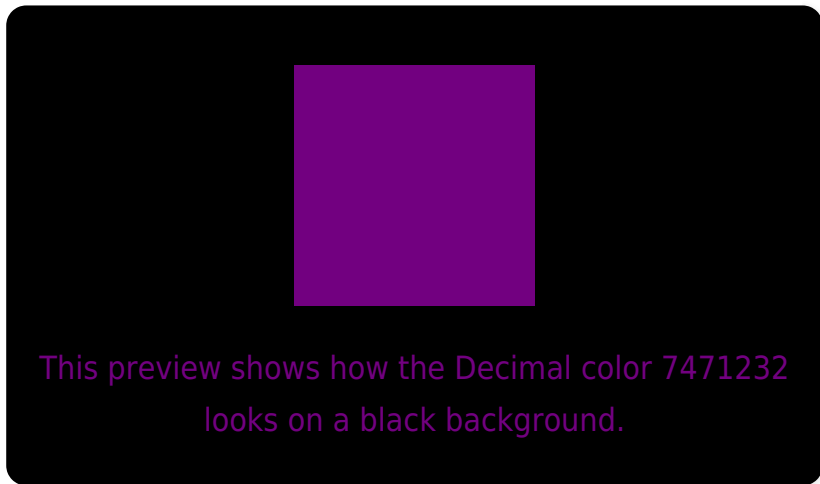
Large Text (above 18pt) WCAG AA ✓ Pass

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

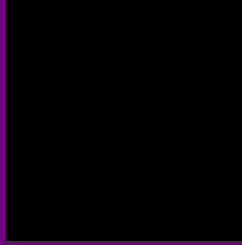
Any Text WCAG AA × Fail

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 7471232 Background



This preview shows how black text looks on a background with the Decimal color 7471232.



This preview shows how white text looks on a background with the Decimal color 7471232.

# 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**

7471232


**Protanopia**

16777

**Deuteranopia**

1066360





**Tritanopia**  
6894134

# Trichromacy



**Original Color**

7471232



**Protanomaly**

2697606



**Deuteranomaly**

3419259



**Tritanomaly**

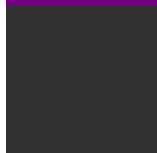
7086161

# Monochromacy



**Original Color**

7471232



**Achromatopsia**

3223857



**Achromatomaly**

4792142

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7471232 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 #720080 looks like.

```
.text, #text, p{  
  color:#720080  
}
```

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 #720080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #720080
}
```

## Border

The CSS property to change the border of an element to Decimal 7471232 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
#720080 }
```

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

```
.border{ border-color:#720080 }
```

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

Here you see how a box with a 4 pixel #720080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #720080; -webkit-box-shadow:4px 4px  
4px 4px #720080; box-shadow:4px 4px 4px  
4px #720080 }
```

# Background

The CSS property to change the background color of an element to Decimal 7471232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#720080 }
```

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

```
.background{ background-color:#720080 }
```

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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