

# Converting Colors

Decimal(7224478)

Have a look what the booklet for  
Decimal(7224478) contains.

<b>Decimal(7224478)</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(7224478)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E3C9E
RGB	110, 60, 158
RGB Percent	43%, 24%, 62%
CMY	0.5686, 0.7647, 0.3804
CMYK	0.30, 0.62, 0.00, 0.38
HSL	271°, 45%, 43%
HSV	271°, 62%, 62%
XYZ	14.2178, 9.0153, 33.3385
YIQ	86.1220, -1.6580, 41.0780

# Conversions

## Conversions Part 2

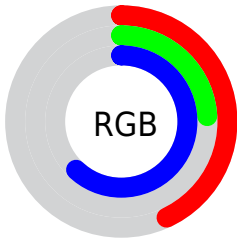
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 60, 158
Decimal	7224478
CIE <sub>Lab</sub>	36.01, 41.22, -45.12
CIE <sub>LCh</sub>	36, 61.117, 312.415
Yxy	9.0153, 0.2513, 0.1594
Android (android.graphics.Color)	4285414558 (0xFF6E3C9E)
YUV	86.1220, 35.4359, 20.9410
Hunter-Lab	30.0255, 31.9793, -44.8141

# Details

The Decimal color **7224478** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7118396**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **10841813**, and **3737962** is the 20% darker color. If you saturate the color by 10%, you get **6696094**, and if you desaturate by 10%, it is **7752862**.

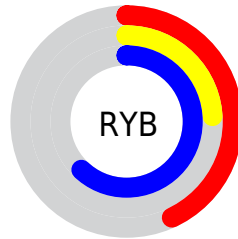
# Distribution



Red (43%)

Green (24%)

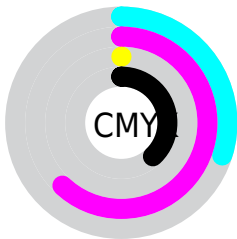
Blue (62%)



Red (43%)

Yellow (24%)

Blue (62%)

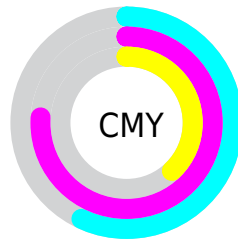


Cyan (30%)

Magenta (62%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (76%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7224478 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 7224478 by changing the saturation by 10% instead.



7224478

7224478

16777215

5448835

10841813

3737962

12683506

1966161

14590975

57

16498431

547

16767999

9

16775167

0

7224478

7224478

6696094

7752862

■ 6233246

■ 8215710

■ 5705118

■ 8743838

■ 5308574

■ 9272222

■ 9800606

■ 10263454

■ 10791838

■ 11319966

■ 11848350

# Harmonies

## Analogous

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



21686



7224478



10230388

# Triad

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



7224478



8341504



26985

# Complementary

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



7224478



7118396

# 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.



26677



7224478



5658880

# Square

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



7224478



10300690



1270528



26774

# Rectangle

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



7224478



10946131



1270528



26967



# Sweetspot

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



7224478



12298191



3960222



6115689



15263976



6908265



# Same Dimension

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



7224478



8664783



10370206



4933455



4784271



524303



# Inverse Universe

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



10370156



13579905



3972668



5195595



9371718

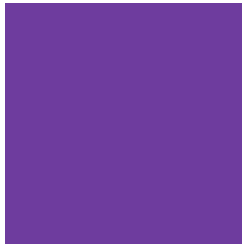


983047



# Previews

## White Background



This preview shows how the Decimal color 7224478 looks on a white background.

## Color Contrast Check

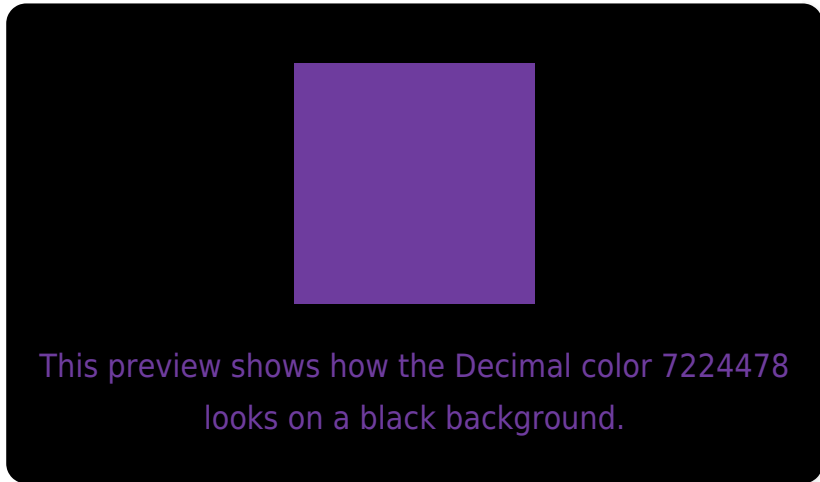
Large Text (above 18pt) WCAG AA ✓ Pass

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

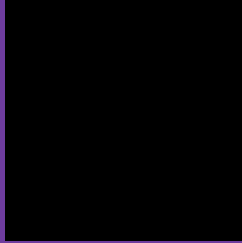
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7224478 Background



This preview shows how black text looks on a background with the Decimal color 7224478.

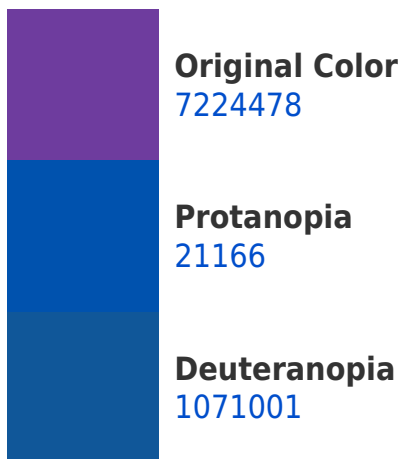


This preview shows how white text looks on a background with the Decimal color 7224478.

# 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





**Tritanopia**  
6377815

# Trichromacy



**Original Color**  
7224478

**Protanomaly**  
2640552

**Deuteranomaly**  
3296667

**Tritanomaly**  
6703473

# Monochromacy



**Original Color**  
7224478

**Achromatopsia**  
5658198

**Achromatomaly**  
6245744

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7224478 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 #6E3C9E looks like.

```
.text, #text, p{  
  color:#6E3C9E  
}
```

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 #6E3C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3C9E
}
```

## Border

The CSS property to change the border of an element to Decimal 7224478 is called "border". The border property can be set on classes, ids or directly on the HTML element.

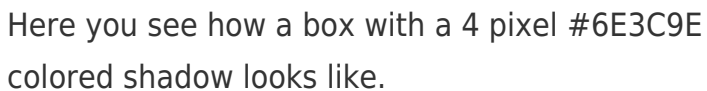
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E3C9E }
```

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

```
.border{ border-color:#6E3C9E }
```

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



Here you see how a box with a 4 pixel #6E3C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3C9E; -webkit-box-shadow:4px 4px  
4px 4px #6E3C9E; box-shadow:4px 4px 4px  
4px #6E3C9E }
```

# Background

The CSS property to change the background color of an element to Decimal 7224478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3C9E }
```

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

```
.background{ background-color:#6E3C9E }
```

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