

# Converting Colors

Decimal(7426472)

Have a look what the booklet for  
Decimal(7426472) contains.

<b>Decimal(7426472)</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(7426472)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7151A8
RGB	113, 81, 168
RGB Percent	44%, 32%, 66%
CMY	0.5569, 0.6824, 0.3412
CMYK	0.33, 0.52, 0.00, 0.34
HSL	262°, 35%, 49%
HSV	262°, 52%, 66%
XYZ	16.8204, 12.2227, 38.5185
YIQ	100.4860, -8.8550, 33.8410

# Conversions

## Conversions Part 2

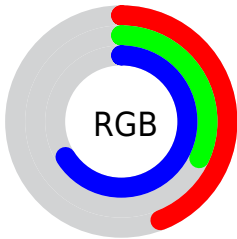
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 81, 168
Decimal	7426472
CIE <sub>Lab</sub>	41.57, 32.58, -42.19
CIE <sub>LCh</sub>	42, 53.308, 307.673
Yxy	12.2227, 0.2490, 0.1809
Android (android.graphics.Color)	4285616552 (0xFF7151A8)
YUV	100.4860, 33.2844, 10.9748
Hunter-Lab	34.9610, 24.6978, -40.8504

# Details

The Decimal color **7426472** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **8955985**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **10978272**, and **4006771** is the 20% darker color. If you saturate the color by 10%, you get **6701224**, and if you desaturate by 10%, it is **8151720**.

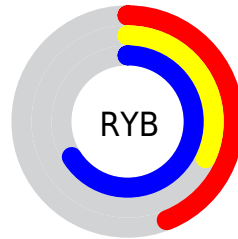
# Distribution



Red (44%)

Green (32%)

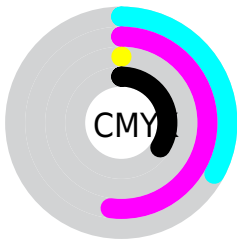
Blue (66%)



Red (44%)

Yellow (32%)

Blue (66%)

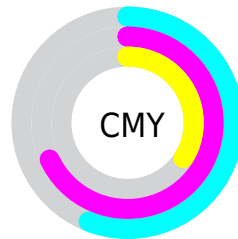


Cyan (33%)

Magenta (52%)

Yellow (0%)

Black (34%)



Cyan (56%)

Magenta (68%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7426472 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 7426472 by changing the saturation by 10% instead.



■ 7426472

■ 7426472

16777215

■ 5716365

■ 10978272

■ 4006771

■ 12820221

■ 2231386

■ 14727679

■ 589890

■ 16635391

■ 811

■ 16773631

■ 277

■ 0

■ 7426472

■ 7426472

■ 6701224

■ 8151720

6041512

8811432

5316520

9536424

4656808

10196136

4063400

10921384

11646632

12306344

13031336

13756584

# Harmonies

## Analogous

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



25786



7426472



10435716

# Triad

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



7426472



9458436



30316

# Complementary

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



7426472



8955985

# 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.



29759



7426472



7103488

# Square

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



7426472



11092015



4025874



30103

# Rectangle

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



7426472



11350887



4025874



30301



# Sweetspot

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



7426472



12957915



5343400



6314350



15592941



7237230



# Same Dimension

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



7426472



8737755



10244520



5196884



3539092



524308



# Inverse Universe

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



11030920



14373801



6137937



5524561



9699422



1310733



# Previews

## White Background



This preview shows how the Decimal color 7426472 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 × Fail

# Black Background



This preview shows how the Decimal color 7426472 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

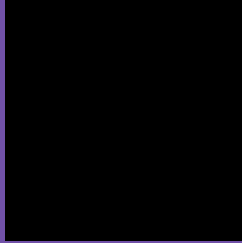
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7426472 Background



This preview shows how black text looks on a background with the Decimal color 7426472.



This preview shows how white text looks on a background with the Decimal color 7426472.

# 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**  
7426472

**Protanomaly**  
4938417

**Deuteranomaly**  
4938917

**Tritanomaly**  
6904703

# Monochromacy



**Original Color**  
7426472

**Achromatopsia**  
6579300

**Achromatomaly**  
6905213

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7426472 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 #7151A8 looks like.

```
.text, #text, p{  
    color:#7151A8  
}
```

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 #7151A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7151A8
}
```

## Border

The CSS property to change the border of an element to Decimal 7426472 is called "border". The border property can be set on classes, ids or directly on the HTML element.

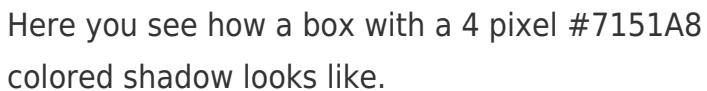
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7151A8 }
```

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

```
.border{ border-color:#7151A8 }
```

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



Here you see how a box with a 4 pixel #7151A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7151A8; -webkit-box-shadow:4px 4px  
4px 4px #7151A8; box-shadow:4px 4px 4px  
4px #7151A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 7426472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7151A8 }
```

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

```
.background{ background-color:#7151A8 }
```

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