

# Converting Colors

Decimal(7424948)

Have a look what the booklet for  
Decimal(7424948) contains.

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**Color**

**Decimal(7424948)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	714BB4
RGB	113, 75, 180
RGB Percent	44%, 29%, 71%
CMY	0.5569, 0.7059, 0.2941
CMYK	0.37, 0.58, 0.00, 0.29
HSL	262°, 41%, 50%
HSV	262°, 58%, 71%
XYZ	17.5643, 11.8382, 44.5393
YIQ	98.3320, -11.0570, 40.7110

# Conversions

## Conversions Part 2

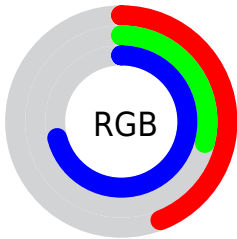
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	113, 75, 180
Decimal	7424948
CIE Lab	40.96, 39.29, -50.26
CIE LCh	41, 63.796, 308.014
Yxy	11.8382, 0.2375, 0.1601
Android (android.graphics.Color)	4285615028 (0xFF714BB4)
YUV	98.3320, 40.2623, 12.8638
Hunter-Lab	34.4066, 30.9115, -52.6661

# Details

The Decimal color **7424948** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **9352267**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **11042285**, and **3808382** is the 20% darker color. If you saturate the color by 10%, you get **6699444**, and if you desaturate by 10%, it is **8150452**.

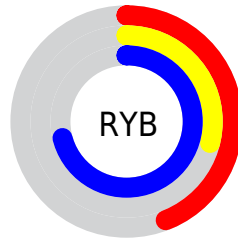
# Distribution



Red (44%)

Green (29%)

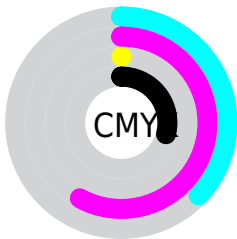
Blue (71%)



Red (44%)

Yellow (29%)

Blue (71%)

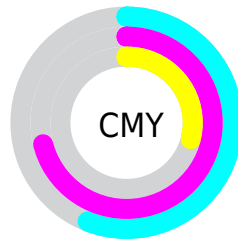


Cyan (37%)

Magenta (58%)

Yellow (0%)

Black (29%)



Cyan (56%)

Magenta (71%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7424948 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 7424948 by changing the saturation by 10% instead.



7424948

7424948

16777215

5649305

11042285

3808382

12949759

1835877

14857215

76

16764927

1076

16772095

542

0

7424948

7424948

6699444

8150452

■ 5908404

■ 8941492

■ 5182900

■ 9666996

■ 4391860

■ 10458036

■ 4260020

■ 11183540

■ 11974580

■ 12700084

■ 13491124

■ 14216628

# Harmonies

## Analogous

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



25546



7424948



11021193

# Triad

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



7424948



9719552



30574

# Complementary

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



7424948



9352267

# 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.



30007



7424948



6906624

# Square

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



7424948



11612962



2977536



30368

# Rectangle

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



7424948



12065126



2977536



30555



# Sweetspot

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



7424948



13680875



4951988



6642549



16119285



7697781



# Same Dimension

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



7424948



8537835



10767284



5525593



3604633



589850



# Inverse Universe

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



11815822



15419055



6009931



5853270



10027106

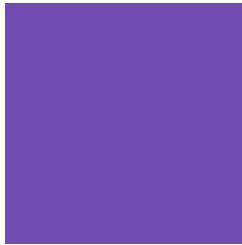


1703952



# Previews

## White Background



This preview shows how the Decimal color 7424948 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 7424948 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

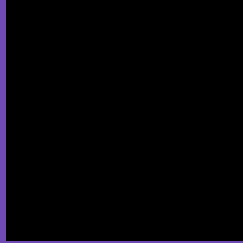
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7424948 Background



This preview shows how black text looks on a background with the Decimal color 7424948.

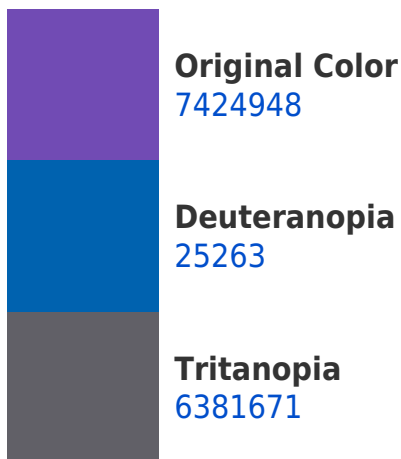


This preview shows how white text looks on a background with the Decimal color 7424948.

# 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**

7424948



**Deuteranomaly**

2710193



**Tritanomaly**

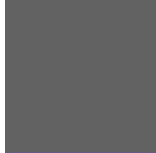
6772867

# Monochromacy



**Original Color**

7424948



**Achromatopsia**

6447714



**Achromatomaly**

6773376

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7424948 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 #714BB4 looks like.

```
.text, #text, p{  
    color:#714BB4  
}
```

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 #714BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #714BB4
}
```

## Border

The CSS property to change the border of an element to Decimal 7424948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

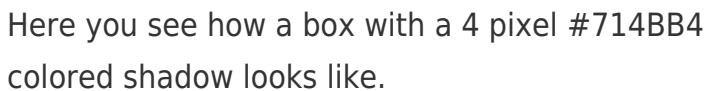
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#714BB4 }
```

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

```
.border{ border-color:#714BB4 }
```

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



Here you see how a box with a 4 pixel #714BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #714BB4; -webkit-box-shadow:4px 4px  
4px 4px #714BB4; box-shadow:4px 4px 4px  
4px #714BB4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7424948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#714BB4 }
```

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

```
.background{ background-color:#714BB4 }
```

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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