

# Converting Colors

Decimal(7491220)

Have a look what the booklet for  
Decimal(7491220) contains.

<b>Decimal(7491220)</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(7491220)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	724E94
RGB	114, 78, 148
RGB Percent	45%, 31%, 58%
CMY	0.5529, 0.6941, 0.4196
CMYK	0.23, 0.47, 0.00, 0.42
HSL	271°, 31%, 44%
HSV	271°, 47%, 58%
XYZ	15.0091, 11.1643, 29.3808
YIQ	96.7440, -1.0140, 29.4020

# Conversions

## Conversions Part 2

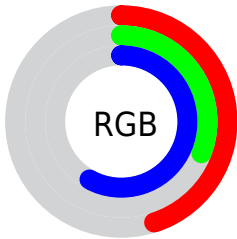
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 78, 148
Decimal	7491220
CIE <sub>Lab</sub>	39.86, 29.50, -32.94
CIE <sub>LCh</sub>	40, 44.215, 311.847
Yxy	11.1643, 0.2702, 0.2010
Android (android.graphics.Color)	4285681300 (0xFF724E94)
YUV	96.7440, 25.2692, 15.1335
Hunter-Lab	33.4130, 21.7093, -28.7459

# Details

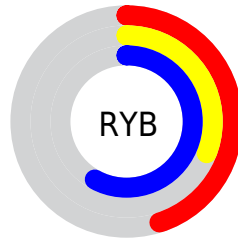
The Decimal color **7491220** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **7377998**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **10977482**, and **4202593** is the 20% darker color. If you saturate the color by 10%, you get **7028628**, and if you desaturate by 10%, it is **7953812**.

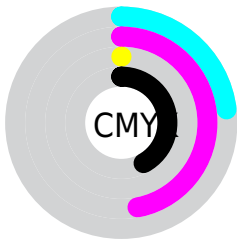
# Distribution



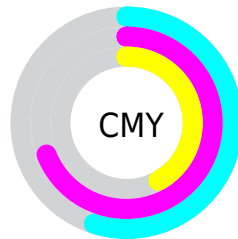
- Red (45%)
- Green (31%)
- Blue (58%)



- Red (45%)
- Yellow (31%)
- Blue (58%)



- Cyan (23%)
- Magenta (47%)
- Yellow (0%)
- Black (42%)



- Cyan (55%)
- Magenta (69%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7491220 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 7491220 by changing the saturation by 10% instead.



■ 7491220

■ 7491220

16777215

■ 5781114

■ 10977482

■ 4202593

■ 12819175

■ 2558281

■ 14661119

■ 1441842

■ 16568831

■ 284

■ 16772607

■ 0

■ 7491220

■ 7491220

■ 7028628

■ 7953812

■ 6566036

■ 8416404

■ 6038164

■ 8944276

■ 5575572

■ 9406868

■ 5112980

■ 9869460

■ 4980884

■ 10332052

■ 10794644

■ 11322516

■ 11785108

# Harmonies

## Analogous

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



3104165



7491220



9715573

# Triad

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



7491220



8541204



28524

# Complementary

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



7491220



7377998

# 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.



28230



7491220



6512909

# Square

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



7491220



9979183



3893540



28301

# Rectangle

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



7491220



10369885



3893540



28511



# Sweetspot

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



7491220



11707583



5140884



5853281



14737632



6381921



# Same Dimension

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



7491220



9065151



9719444



4604746



4653194



327690



# Inverse Universe

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



9719408



12538503



5149774



4866886



9044035



655365



# Previews

## White Background



This preview shows how the Decimal color 7491220 looks on a white background.

## Color Contrast Check

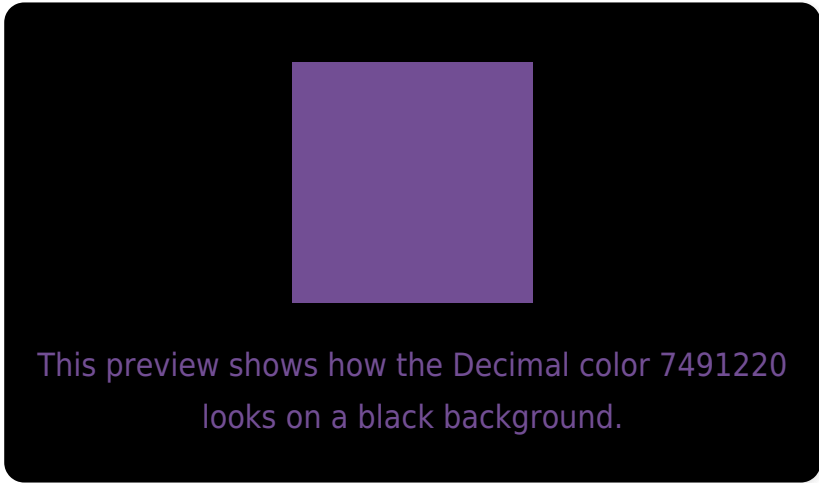
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

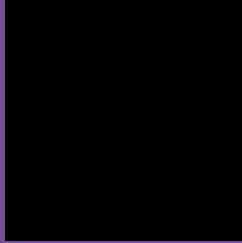
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7491220 Background



This preview shows how black text looks on a background with the Decimal color 7491220.



This preview shows how white text looks on a background with the Decimal color 7491220.

# 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**  
6904417

# Trichromacy



**Original Color**  
7491220

**Protanomaly**  
5396380

**Deuteranomaly**  
5593234

**Tritanomaly**  
7100020

# Monochromacy



**Original Color**  
7491220

**Achromatopsia**  
6381921

**Achromatomaly**  
6773364

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7491220 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 #724E94 looks like.

```
.text, #text, p{  
    color:#724E94  
}
```

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 #724E94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724E94
}
```

## Border

The CSS property to change the border of an element to Decimal 7491220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

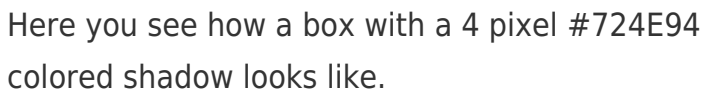
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724E94 }
```

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

```
.border{ border-color:#724E94 }
```

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



Here you see how a box with a 4 pixel #724E94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724E94; -webkit-box-shadow:4px 4px  
4px 4px #724E94; box-shadow:4px 4px 4px  
4px #724E94 }
```

# Background

The CSS property to change the background color of an element to Decimal 7491220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724E94 }
```

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

```
.background{ background-color:#724E94 }
```

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