

# Converting Colors

Decimal(7480518)

Have a look what the booklet for  
Decimal(7480518) contains.

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**Color**

**Decimal(7480518)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7224C6
RGB	114, 36, 198
RGB Percent	45%, 14%, 78%
CMY	0.5529, 0.8588, 0.2235
CMYK	0.42, 0.82, 0.00, 0.22
HSL	269°, 69%, 46%
HSV	269°, 82%, 78%
XYZ	17.7633, 8.9164, 54.2109
YIQ	77.7900, -5.5140, 66.9180

# Conversions

## Conversions Part 2

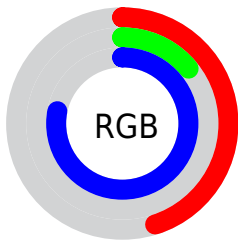
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 36, 198
Decimal	7480518
CIE <sub>Lab</sub>	35.82, 62.49, -69.17
CIE <sub>LCh</sub>	36, 93.217, 312.099
Yxy	8.9164, 0.2196, 0.1102
Android (android.graphics.Color)	4285670598 (0xFF7224C6)
YUV	77.7900, 59.2635, 31.7562
Hunter-Lab	29.8603, 53.9309, -86.7378

# Details

The Decimal color **7480518** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **7915044**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **11361535**, and **3408015** is the 20% darker color. If you saturate the color by 10%, you get **6820038**, and if you desaturate by 10%, it is **8140998**.

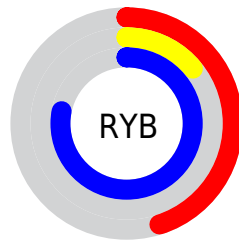
# Distribution



Red (45%)

Green (14%)

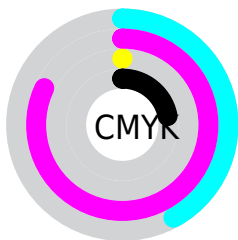
Blue (78%)



Red (45%)

Yellow (14%)

Blue (78%)

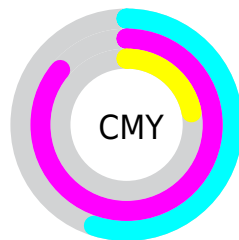


Cyan (42%)

Magenta (82%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (86%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7480518 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 7480518 by changing the saturation by 10% instead.



 7480518

 7480518

16777215

 5505194

 11361535

 3408015

 13268991

 458868

 15241983

 91

 16756479

 1602


 16763647


 811

 16771071

 277

 0

 7480518

 7480518

6820038

8140998

6226118

8867014

9527238

10187718

10848198

11574214

12234694

12894918

13555398

# Harmonies

## Analogous

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



22507



7480518



12320900

# Triad

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



7480518



9125632



28530

# Complementary

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



7480518



7915044

# 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.



27681



7480518



5004032

# Square

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



7480518



12058624



26368



28601

# Rectangle

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



7480518



13369427



26368



28248



# Sweetspot

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



7480518



14598143



2390726



7100800



0



8421504



# Same Dimension

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



7480518



8193535



12657862



6183523



5177507



1114148



# Inverse Universe

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



12985464



16713095



2737700



6511199



10682453

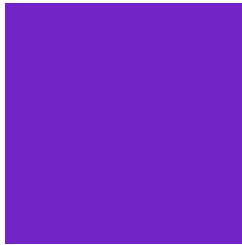


2359315



# Previews

## White Background



This preview shows how the Decimal color 7480518 looks on a white background.

## Color Contrast Check

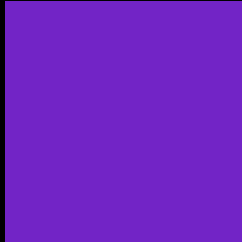
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Decimal color 7480518 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

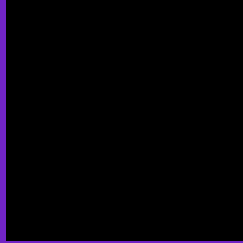
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7480518 Background



This preview shows how black text looks on a background with the Decimal color 7480518.

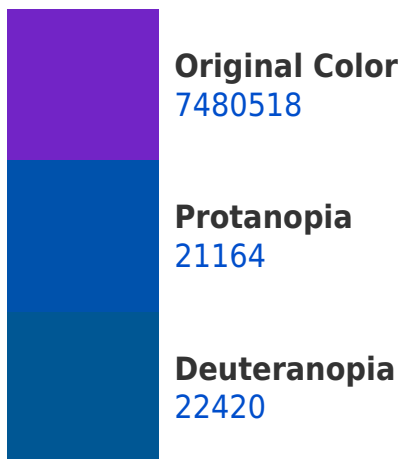



This preview shows how white text looks on a background with the Decimal color 7480518.

# 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**  
5854041

# Trichromacy



**Original Color**

7480518



**Protanomaly**

2703797



**Deuteranomaly**

2704550



**Tritanomaly**

6439553

# Monochromacy



**Original Color**

7480518



**Achromatopsia**

5131854



**Achromatomaly**

5980026

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7480518 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 #7224C6 looks like.

```
.text, #text, p{  
    color:#7224C6  
}
```

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 #7224C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7224C6
}
```

## Border

The CSS property to change the border of an element to Decimal 7480518 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
#7224C6 }
```

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

```
.border{ border-color:#7224C6 }
```

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

Here you see how a box with a 4 pixel #7224C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7224C6; -webkit-box-shadow:4px 4px  
4px 4px #7224C6; box-shadow:4px 4px 4px  
4px #7224C6 }
```

# Background

The CSS property to change the background color of an element to Decimal 7480518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7224C6 }
```

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

```
.background{ background-color:#7224C6 }
```

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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