

# Converting Colors

Decimal(7029498)

Have a look what the booklet for  
Decimal(7029498) contains.

<b>Decimal(7029498)</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(7029498)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B42FA
RGB	107, 66, 250
RGB Percent	42%, 26%, 98%
CMY	0.5804, 0.7412, 0.0196
CMYK	0.57, 0.74, 0.00, 0.02
HSL	253°, 95%, 62%
HSV	253°, 74%, 98%
XYZ	25.2669, 13.9244, 91.7984
YIQ	99.2350, -34.6280, 65.9160

# Conversions

## Conversions Part 2

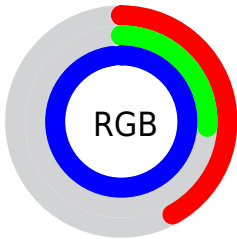
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 66, 250
Decimal	7029498
CIE <sub>Lab</sub>	44.12, 62.34, -85.28
CIE <sub>LCh</sub>	44, 105.633, 306.168
Yxy	13.9244, 0.1929, 0.1063
Android (android.graphics.Color)	4285219578 (0xFF6B42FA)
YUV	99.2350, 74.3271, 6.8099
Hunter-Lab	37.3154, 55.5639, -119.7369

# Details

The Decimal color **7029498** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **13761090**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **11237119**, and **1378496** is the 20% darker color. If you saturate the color by 10%, you get **5777914**, and if you desaturate by 10%, it is **8281082**.

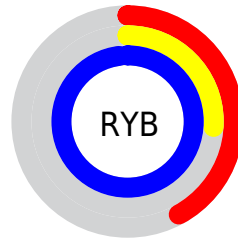
# Distribution



Red (42%)

Green (26%)

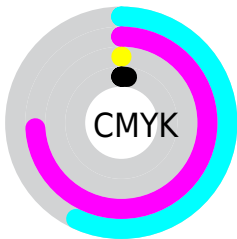
Blue (98%)



Red (42%)

Yellow (26%)

Blue (98%)

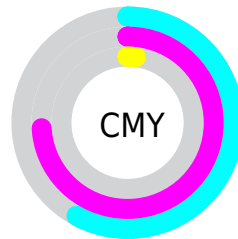


Cyan (57%)

Magenta (74%)

Yellow (0%)

Black (2%)



Cyan (58%)

Magenta (74%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7029498 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 7029498 by changing the saturation by 10% instead.



 7029498

 7029498

16777215

 4729053

 11237119

 1378496

 13275647

 164

 15314431

 137

 16763391

 110

 16770559

 3157

 1596

 550

 270

■ 7029498

■ 7029498

■ 5777914

■ 8281082

■ 4460794

■ 9598202

■ 3670266

■ 10849786

■ 12166906

■ 13418490

■ 14735610

■ 15987194

■ 16777210

# Harmonies

## Analogous

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



29439



7029498



14090417

# Triad

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



7029498



11879424



34681

# Complementary

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



7029498



13761090

# 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.



33810



7029498



7367680

# Square

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



7029498



15073280



32000



35280

# Rectangle

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



7029498



15859832



32000



34394



# Sweetspot

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



7029498



13879295



4379386



6708864



0



8421504



# Same Dimension

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



7029498



5316607



12993274



7565437



2752701



917565



# Inverse Universe

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



16401105



16719821



7797314



8220794



12386451

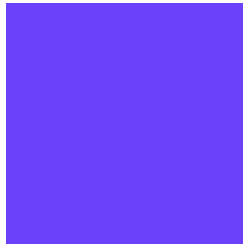


3997744



# Previews

## White Background



This preview shows how the Decimal color 7029498 looks on a white background.

## Color Contrast Check

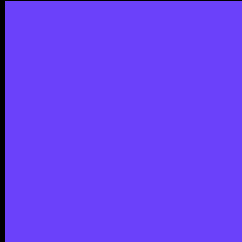
Large Text (above 18pt) WCAG AA ✓ Pass

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 7029498 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

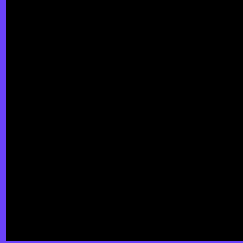
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7029498 Background



This preview shows how black text looks on a background with the Decimal color 7029498.



This preview shows how white text looks on a background with the Decimal color 7029498.

# 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**  
3698809

# Trichromacy



**Original Color**

7029498



**Protanomaly**

2578657



**Deuteranomaly**

2579662



**Tritanomaly**

4939688

# Monochromacy



**Original Color**

7029498



**Achromatopsia**

6513507



**Achromatomaly**

6707098

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7029498 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 #6B42FA looks like.

```
.text, #text, p{  
    color:#6B42FA  
}
```

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 #6B42FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B42FA
}
```

## Border

The CSS property to change the border of an element to Decimal 7029498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

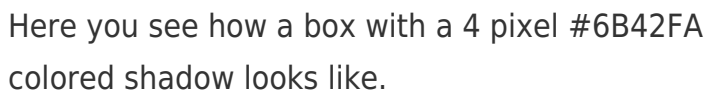
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B42FA }
```

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

```
.border{ border-color:#6B42FA }
```

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



Here you see how a box with a 4 pixel #6B42FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B42FA; -webkit-box-shadow:4px 4px  
4px 4px #6B42FA; box-shadow:4px 4px 4px  
4px #6B42FA }
```

# Background

The CSS property to change the background color of an element to Decimal 7029498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B42FA }
```

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

```
.background{ background-color:#6B42FA }
```

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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