

# Converting Colors

Decimal(6492909)

Have a look what the booklet for  
Decimal(6492909) contains.

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**Color**

**Decimal(6492909)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6312ED
RGB	99, 18, 237
RGB Percent	39%, 7%, 93%
CMY	0.6118, 0.9294, 0.0706
CMYK	0.58, 0.92, 0.00, 0.07
HSL	262°, 86%, 50%
HSV	262°, 92%, 93%
XYZ	20.6480, 9.1997, 80.8082
YIQ	67.1850, -22.0230, 85.2810

# Conversions

## Conversions Part 2

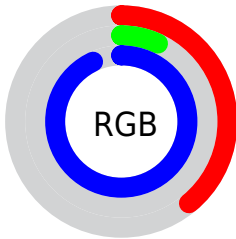
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 18, 237
Decimal	6492909
CIELab	36.37, 74.86, -90.79
CIElCh	36, 117.671, 309.506
Yxy	9.1997, 0.1866, 0.0831
Android (android.graphics.Color)	4284682989 (0xFF6312ED)
YUV	67.1850, 83.7188, 27.9018
Hunter-Lab	30.3310, 68.4355, -136.7295

# Details

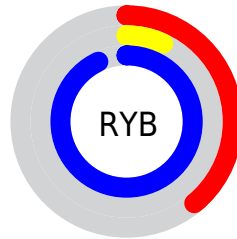
The Decimal color **6492909** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **10284306**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **10769407**, and **179** is the 20% darker color. If you saturate the color by 10%, you get **5767405**, and if you desaturate by 10%, it is **7482093**.

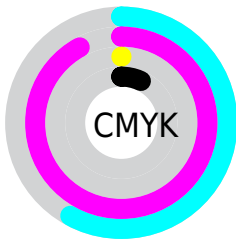
# Distribution



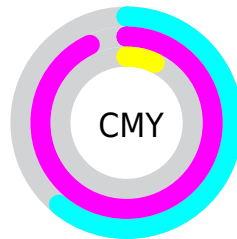
- Red (39%)
- Green (7%)
- Blue (93%)



- Red (39%)
- Yellow (7%)
- Blue (93%)



- Cyan (58%)
- Magenta (92%)
- Yellow (0%)
- Black (7%)



- Cyan (61%)
- Magenta (93%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6492909 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 6492909 by changing the saturation by 10% instead.



6492909

6492909

16777215

3997904

10769407

179

12873727

152

14912255

125

16754687

866

16761855

2377

16769279

1074

16776959

284

0

■ 6492909

■ 6492909

■ 5767405

■ 7482093

■ 8471021

■ 9460205

■ 10449389

■ 11438317

■ 12427501

■ 13416685

■ 14340333

■ 15329261

# Harmonies

## Analogous

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



24575



6492909



13697178

# Triad

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



6492909



10170880



29555

# Complementary

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



6492909



10284306

# 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.



28672



6492909



5069824

# Square

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



6492909



13697024



27392



30416

# Rectangle

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



6492909



15204444



27392



29266



# Sweetspot

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



6492909



13809919



1220077



6575232



0



8421504



# Same Dimension

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



6492909



6160639



13636333



7236213



4391093



1310774



# Inverse Universe

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



15536796



16711841



3140882



7694961



11862130

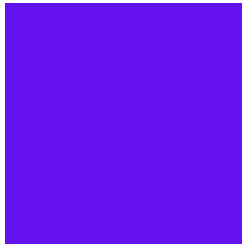


3538978



# Previews

## White Background



This preview shows how the Decimal color 6492909 looks on a white background.

## Color Contrast Check

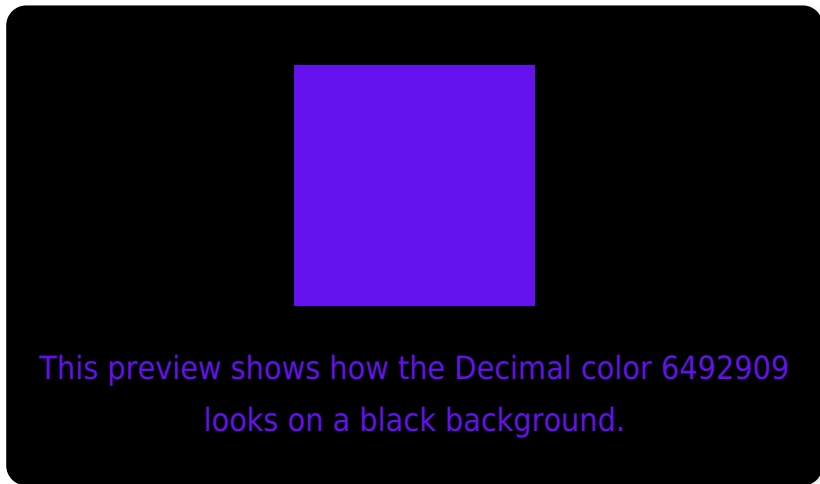
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

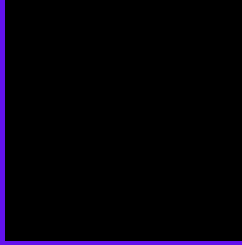
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6492909 Background



This preview shows how black text looks on a background with the Decimal color 6492909.



This preview shows how white text looks on a background with the Decimal color 6492909.

# 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**  
2776421

# Trichromacy



**Original Color**  
6492909

**Protanomaly**  
2374597

**Deuteranomaly**  
2375604

**Tritanomaly**  
4145814

# Monochromacy



**Original Color**  
6492909

**Achromatopsia**  
4408131

**Achromatomaly**  
5190017

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6492909 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 #6312ED looks like.

```
.text, #text, p{  
    color:#6312ED  
}
```

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 #6312ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6312ED
}
```

## Border

The CSS property to change the border of an element to Decimal 6492909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

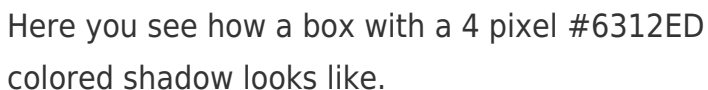
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6312ED }
```

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

```
.border{ border-color:#6312ED }
```

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



Here you see how a box with a 4 pixel #6312ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6312ED; -webkit-box-shadow:4px 4px  
4px 4px #6312ED; box-shadow:4px 4px 4px  
4px #6312ED }
```

# Background

The CSS property to change the background color of an element to Decimal 6492909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6312ED }
```

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

```
.background{ background-color:#6312ED }
```

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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