

# Converting Colors

Decimal(6629794)

Have a look what the booklet for  
Decimal(6629794) contains.

<b>Decimal(6629794)</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(6629794)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6529A2
RGB	101, 41, 162
RGB Percent	40%, 16%, 64%
CMY	0.6039, 0.8392, 0.3647
CMYK	0.38, 0.75, 0.00, 0.36
HSL	270°, 60%, 40%
HSV	270°, 75%, 64%
XYZ	12.6814, 6.9612, 34.8577
YIQ	72.7340, -3.0810, 50.3510

# Conversions

## Conversions Part 2

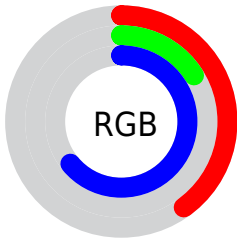
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 41, 162
Decimal	6629794
CIE <sub>Lab</sub>	31.72, 49.81, -54.54
CIE <sub>LCh</sub>	32, 73.866, 312.402
Yxy	6.9612, 0.2327, 0.1277
Android (android.graphics.Color)	4284819874 (0xFF6529A2)
YUV	72.7340, 44.0081, 24.7893
Hunter-Lab	26.3841, 39.6227, -59.8628

# Details

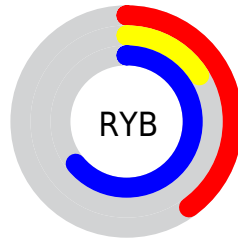
The Decimal color **6629794** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6726185**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **10312922**, and **2949229** is the 20% darker color. If you saturate the color by 10%, you get **6101410**, and if you desaturate by 10%, it is **7158178**.

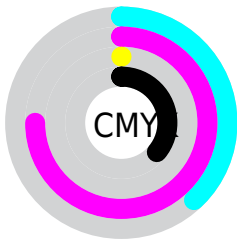
# Distribution



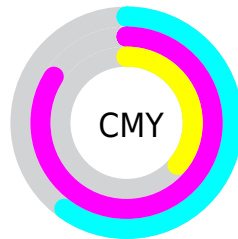
- Red (40%)
- Green (16%)
- Blue (64%)



- Red (40%)
- Yellow (16%)
- Blue (64%)



- Cyan (38%)
- Magenta (75%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (84%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6629794 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 6629794 by changing the saturation by 10% instead.



6629794

6629794

16777215

4787335

10312922

2949229

12154615

983124

14062079

60

16035071

549

16763135

270

16770559

0

6629794

6629794

6101410

7158178

■ 5573026

■ 7686562

■ 5243042

■ 8280738

■ 8809122

■ 9337506

■ 9865890

■ 10394274

■ 10922914

■ 11516834

# Harmonies

## Analogous

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



19391



6629794



10223727

# Triad

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



6629794



7813888



24930

# Complementary

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



6629794



6726185

# 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.



24356



6629794



4608000

# Square

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



6629794



10158848



23040



24729

# Rectangle

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



6629794



11075657



23040



24654



# Sweetspot

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



6629794



12363220



2713762



6115179



15461355



7039851



# Same Dimension

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



6629794



7607764



10496418



5065042



4718737



589842



# Inverse Universe

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



10627430



13899125



2859561



5392718



9502793

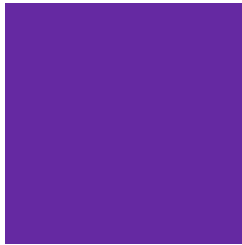


1179657



# Previews

## White Background



This preview shows how the Decimal color 6629794 looks on a white background.

## Color Contrast Check

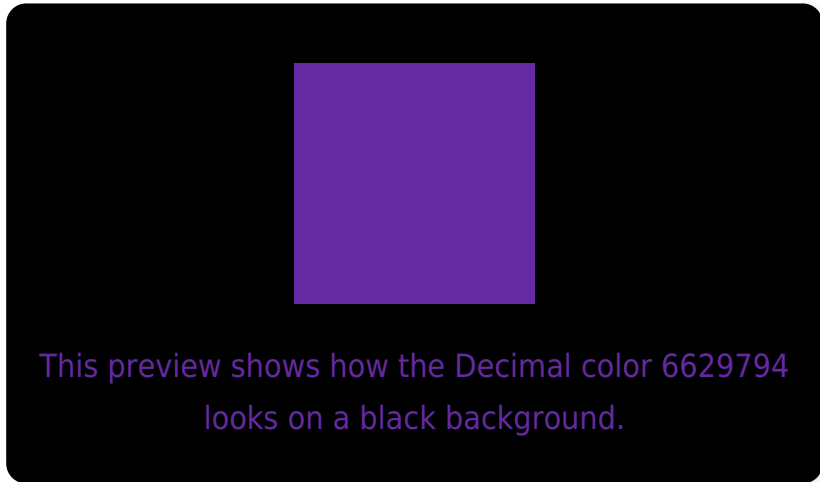
Large Text (above 18pt) WCAG AA ✓ Pass

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

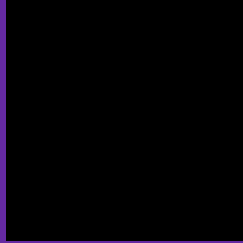
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6629794 Background



This preview shows how black text looks on a background with the Decimal color 6629794.

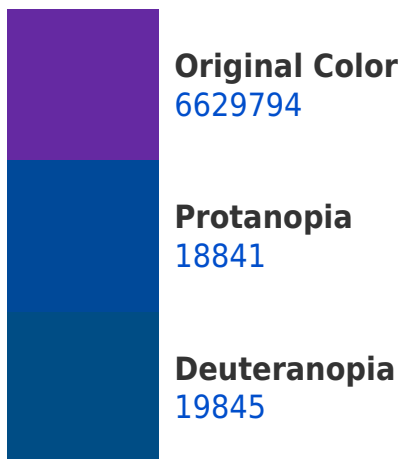



This preview shows how white text looks on a background with the Decimal color 6629794.

# 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](#).

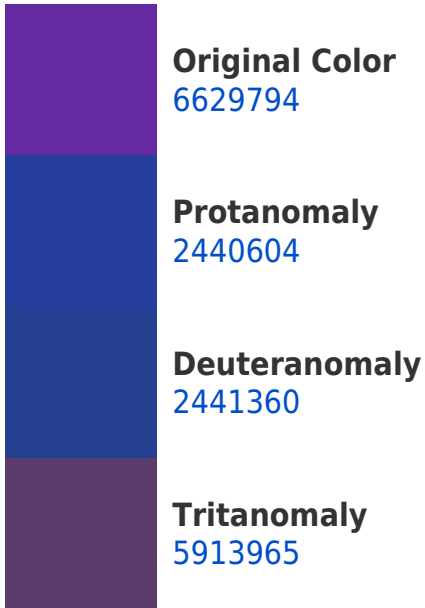
## Dichromacy



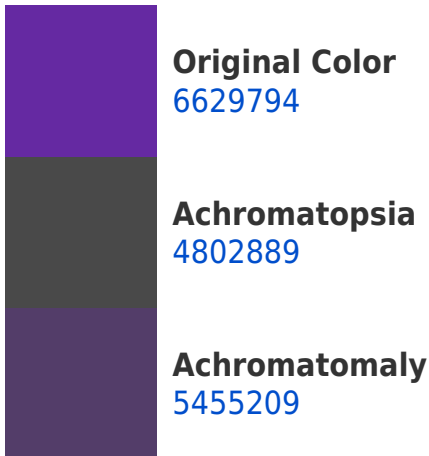


**Tritanopia**  
5523534

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6629794 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 #6529A2 looks like.

```
.text, #text, p{  
    color:#6529A2  
}
```

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 #6529A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6529A2
}
```

## Border

The CSS property to change the border of an element to Decimal 6629794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

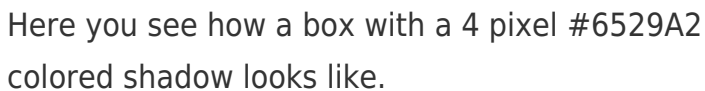
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6529A2 }
```

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

```
.border{ border-color:#6529A2 }
```

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



Here you see how a box with a 4 pixel #6529A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6529A2; -webkit-box-shadow:4px 4px  
4px 4px #6529A2; box-shadow:4px 4px 4px  
4px #6529A2 }
```

# Background

The CSS property to change the background color of an element to Decimal 6629794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6529A2 }
```

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

```
.background{ background-color:#6529A2 }
```

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