

# Converting Colors

Decimal(6491969)

Have a look what the booklet for  
Decimal(6491969) contains.

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**Color**

**Decimal(6491969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	630F41
RGB	99, 15, 65
RGB Percent	39%, 6%, 25%
CMY	0.6118, 0.9412, 0.7451
CMYK	0.00, 0.85, 0.34, 0.61
HSL	324°, 74%, 22%
HSV	324°, 85%, 39%
XYZ	6.2705, 3.3760, 5.3222
YIQ	45.8160, 34.0140, 33.3580

# Conversions

## Conversions Part 2

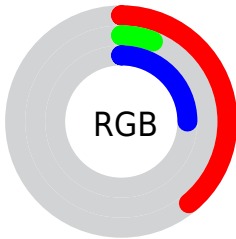
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 15, 65
Decimal	6491969
CIELab	21.49, 40.44, -8.49
CIElCh	21, 41.318, 348.147
Yxy	3.3760, 0.4189, 0.2255
Android (android.graphics.Color)	4284682049 (0xFF630F41)
YUV	45.8160, 9.4577, 46.6424
Hunter-Lab	18.3738, 28.7639, -4.3123

# Details

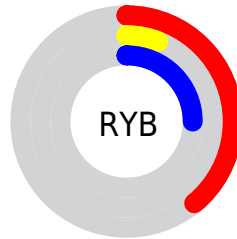
The Decimal color **6491969** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1008433**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **10044785**, and **3276823** is the 20% darker color. If you saturate the color by 10%, you get **6489405**, and if you desaturate by 10%, it is **6494533**.

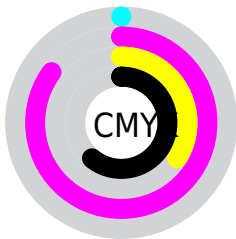
# Distribution



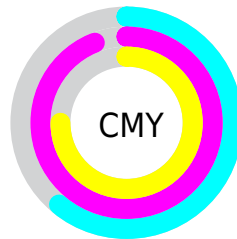
- Red (39%)
- Green (6%)
- Blue (25%)



- Red (39%)
- Yellow (6%)
- Blue (25%)



- Cyan (0%)
- Magenta (85%)
- Yellow (34%)
- Black (61%)



- Cyan (61%)
- Magenta (94%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6491969 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 6491969 by changing the saturation by 10% instead.



6491969

6491969

16777215

4784171

10044785

3276823

11886218

655360

13727909

0

15700928

16756444

16763640

16771071

6491969

6491969

■ 6489405

■ 6494533

■ 6488123

■ 6497097

■ 6499661

■ 6502225

■ 6504789

■ 6507097

■ 6509661

■ 6512225

■ 6514789

# Harmonies

## Analogous

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



4923741



6491969



6819363

# Triad

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



6491969



3160064



16481

# Complementary

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



6491969



1008433

# 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.



16710



6491969



15620

# Square

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



6491969



4861440



16422



15216

# Rectangle

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



6491969



6494479



16422



16473



# Sweetspot

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



6491969



8413299



3215203



4205880



12566463



4210752



# Same Dimension

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



6491969



8388684



6491927



3157038



7340099



15728783



# Inverse Universe

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



6491969



8388684



1008475



3157038



7340099

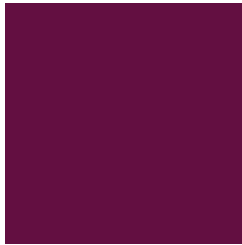


15728783



# Previews

## White Background



This preview shows how the Decimal color 6491969 looks on a white background.

## Color Contrast Check

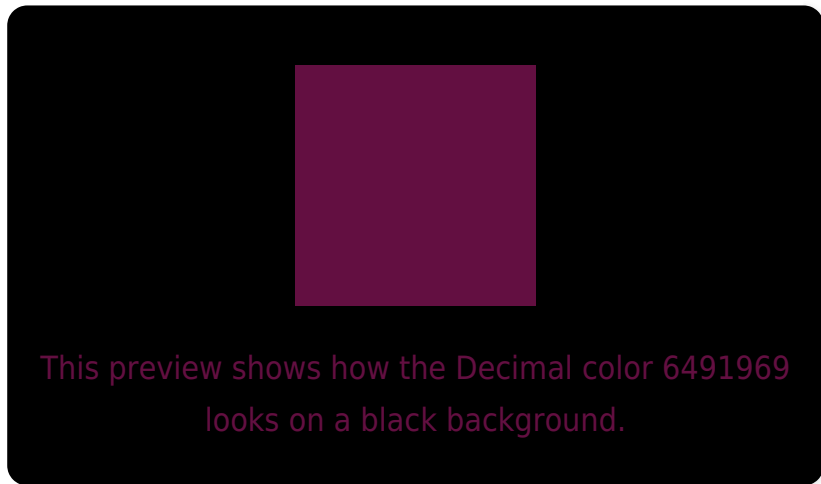
Large Text (above 18pt) WCAG AA ✓ Pass

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

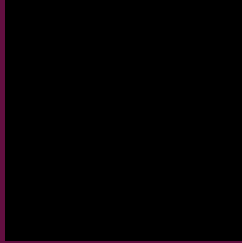
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6491969 Background



This preview shows how black text looks on a background with the Decimal color 6491969.

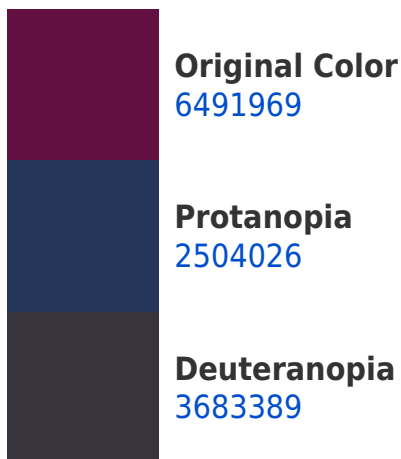


This preview shows how white text looks on a background with the Decimal color 6491969.

# 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**  
6364446

# Trichromacy



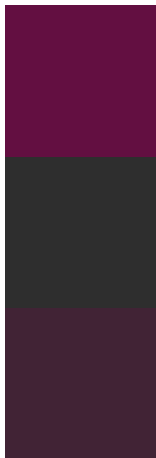
**Original Color**  
6491969

**Protanomaly**  
3942225

**Deuteranomaly**  
4728638

**Tritanomaly**  
6428715

# Monochromacy



**Original Color**  
6491969

**Achromatopsia**  
3026478

**Achromatomaly**  
4268853

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6491969 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 #630F41 looks like.

```
.text, #text, p{  
    color:#630F41  
}
```

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 #630F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630F41
}
```

## Border

The CSS property to change the border of an element to Decimal 6491969 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".

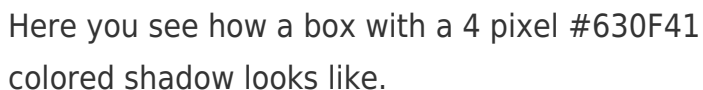
```
.border, #border, table{ border:4px solid
#630F41 }
```

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

```
.border{ border-color:#630F41 }
```

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

Here you see how a box with a 4 pixel #630F41 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630F41; -webkit-box-shadow:4px 4px  
4px 4px #630F41; box-shadow:4px 4px 4px  
4px #630F41 }
```

# Background

The CSS property to change the background color of an element to Decimal 6491969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630F41 }
```

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

```
.background{ background-color:#630F41 }
```

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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