

# Converting Colors

Decimal(6493591)

Have a look what the booklet for  
Decimal(6493591) contains.

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# Color

**Decimal(6493591)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	631597
RGB	99, 21, 151
RGB Percent	39%, 8%, 59%
CMY	0.6118, 0.9176, 0.4078
CMYK	0.34, 0.86, 0.00, 0.41
HSL	276°, 76%, 34%
HSV	276°, 86%, 59%
XYZ	10.9997, 5.4233, 29.7452
YIQ	59.1420, 4.7580, 56.9660

# Conversions

## Conversions Part 2

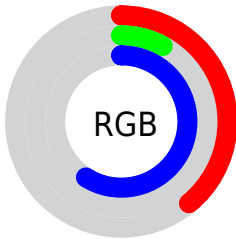
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 21, 151
Decimal	6493591
CIE <sub>Lab</sub>	27.91, 54.40, -54.07
CIE <sub>LCh</sub>	28, 76.699, 315.175
Yxy	5.4233, 0.2383, 0.1175
Android (android.graphics.Color)	4284683671 (0xFF631597)
YUV	59.1420, 45.2860, 34.9555
Hunter-Lab	23.2881, 43.5569, -59.4278

# Details

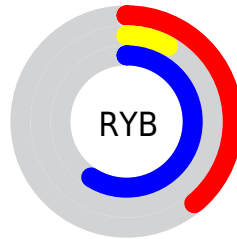
The Decimal color **6493591** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4822805**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **10177998**, and **2818147** is the 20% darker color. If you saturate the color by 10%, you get **6096535**, and if you desaturate by 10%, it is **6890647**.

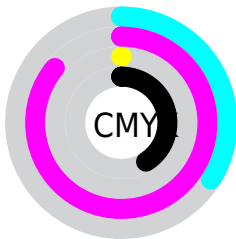
# Distribution



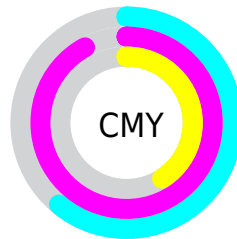
- Red (39%)
- Green (8%)
- Blue (59%)



- Red (39%)
- Yellow (8%)
- Blue (59%)



- Cyan (34%)
- Magenta (86%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (92%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6493591 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 6493591 by changing the saturation by 10% instead.





6493591



6493591

16777215



4653181



10177998



2818147



12019691



917578



13927167



562



15900159



540



16759295



0



16766719



16774143



6493591



6493591

■ 6096535

■ 6890647

■ 5963927

■ 7287703

■ 7684759

■ 8081815

■ 8479127

■ 8876183

■ 9273239

■ 9670295

■ 10067351

# Harmonies

## Analogous

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



16823



6493591



9896034

# Triad

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



6493591



6894592



22368

# Complementary

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



6493591



4822805

# 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.



21793



6493591



3492096

# Square

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



6493591



9306112



20992



22422

# Rectangle

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



6493591



10551355



20992



22347



# Sweetspot

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



6493591



11571652



1395095



5719395



14935011



6513507



# Same Dimension

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



6493591



7733444



9901450



4801869



5505164



524301



# Inverse Universe

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



9901385



12845135



1414946



5064008



9175096

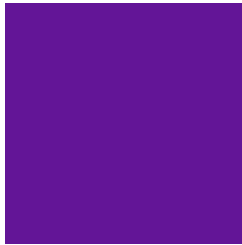


851973



# Previews

## White Background



This preview shows how the Decimal color 6493591 looks on a white background.

## Color Contrast Check

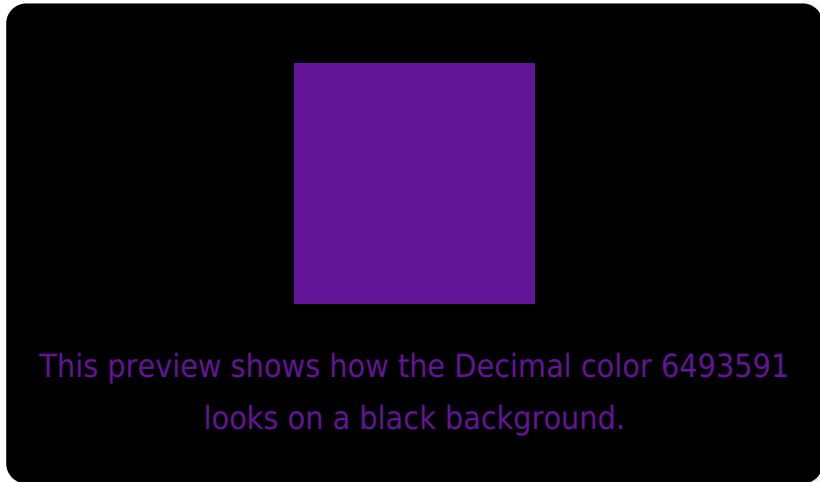
Large Text (above 18pt) WCAG AA ✓ Pass

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

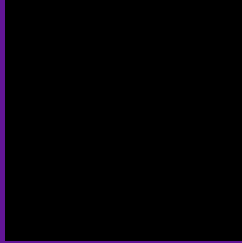
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6493591 Background



This preview shows how black text looks on a background with the Decimal color 6493591.



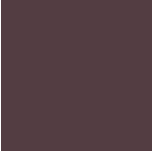
This preview shows how white text looks on a background with the Decimal color 6493591.

# 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**  
5455170

# Trichromacy



**Original Color**  
6493591



**Protanomaly**  
2371982



**Deuteranomaly**  
2372738



**Tritanomaly**  
5844577

# Monochromacy



**Original Color**  
6493591



**Achromatopsia**  
3881787



**Achromatomaly**  
4861276

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6493591 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 #631597 looks like.

```
.text, #text, p{  
    color:#631597  
}
```

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 #631597 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631597
}
```

## Border

The CSS property to change the border of an element to Decimal 6493591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

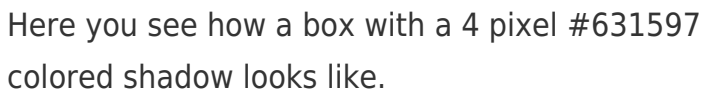
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#631597 }
```

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

```
.border{ border-color:#631597 }
```

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



Here you see how a box with a 4 pixel #631597 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631597; -webkit-box-shadow:4px 4px  
4px 4px #631597; box-shadow:4px 4px 4px  
4px #631597 }
```

# Background

The CSS property to change the background color of an element to Decimal 6493591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631597 }
```

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

```
.background{ background-color:#631597 }
```

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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