

# Converting Colors

Decimal(6226099)

Have a look what the booklet for  
Decimal(6226099) contains.

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**Color**

**Decimal(6226099)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F00B3
RGB	95, 0, 179
RGB Percent	37%, 0%, 70%
CMY	0.6275, 1.0000, 0.2980
CMYK	0.47, 1.00, 0.00, 0.30
HSL	272°, 100%, 35%
HSV	272°, 100%, 70%
XYZ	12.8560, 5.6876, 43.0680
YIQ	48.8110, -0.8390, 75.8090

# Conversions

## Conversions Part 2

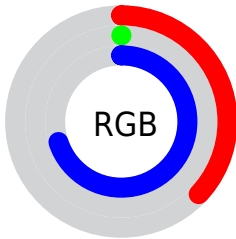
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 0, 179
Decimal	6226099
CIELab	28.61, 64.38, -69.90
CIElCh	29, 95.026, 312.645
Yxy	5.6876, 0.2087, 0.0923
Android (android.graphics.Color)	4284416179 (0xFF5F00B3)
YUV	48.8110, 64.1832, 40.5078
Hunter-Lab	23.8486, 54.4883, -90.3773

# Details

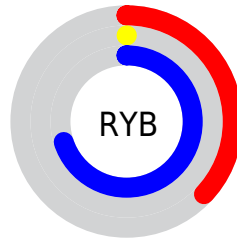
The Decimal color **6226099** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **5550848**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **10110700**, and **1769597** is the 20% darker color. If you saturate the color by 10%, you get **6226099**, and if you desaturate by 10%, it is **6754995**.

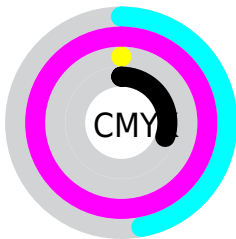
# Distribution



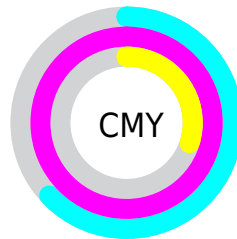
- Red (37%)
- Green (0%)
- Blue (70%)



- Red (37%)
- Yellow (0%)
- Blue (70%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (63%)
- Magenta (100%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6226099 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 6226099 by changing the saturation by 10% instead.



6226099

6226099

16777215

4194455

10110700

1769597

12083711

99

13991167

74

16029951

1074

16758015

540

16765439

0

16772863

6226099

■ 6754995

■ 7349427

■ 7878323

■ 8472755

■ 9001651

■ 9530291

■ 10124723

■ 10653619

■ 11248051

# Harmonies

## Analogous

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



18393



6226099



11010161

# Triad

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



6226099



7679488



23394

# Complementary

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



6226099



5550848

# 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.



22800



6226099



3558144

# Square

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



6226099



10551296



21760



23977

# Rectangle

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



6226099



11927617



21760



23113



# Sweetspot

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



6226099



13083368



22451



6376309



16119285



7697781



# Same Dimension

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



6226099



8061160



11731120



5591129



5308569



917530



# Inverse Universe

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



11731028



15204461



45827



5853269



10027080

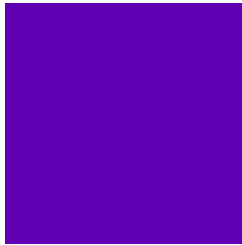


1703948



# Previews

## White Background



This preview shows how the Decimal color 6226099 looks on a white background.

## Color Contrast Check

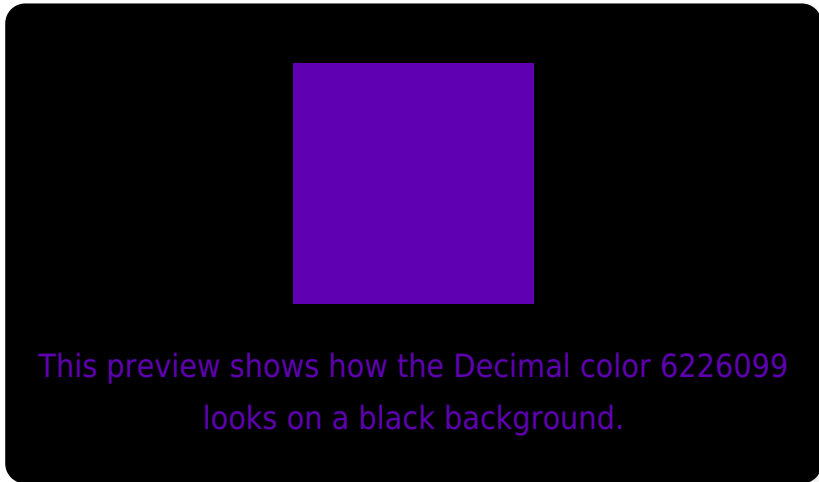
Large Text (above 18pt) WCAG AA ✓ Pass

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

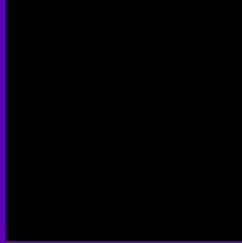
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6226099 Background



This preview shows how black text looks on a background with the Decimal color 6226099.



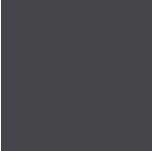
This preview shows how white text looks on a background with the Decimal color 6226099.

# 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**  
4539979

# Trichromacy



**Original Color**  
6226099



**Protanomaly**  
2304923



**Deuteranomaly**  
2305679



**Tritanomaly**  
5123441

# Monochromacy



**Original Color**  
6226099



**Achromatopsia**  
3223857



**Achromatomaly**  
4333408

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6226099 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 #5F00B3 looks like.

```
.text, #text, p{  
  color:#5F00B3  
}
```

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 #5F00B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F00B3
}
```

## Border

The CSS property to change the border of an element to Decimal 6226099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

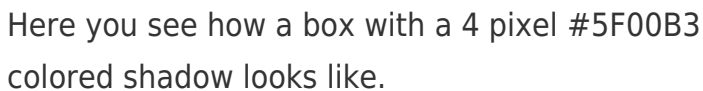
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F00B3 }
```

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

```
.border{ border-color:#5F00B3 }
```

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



Here you see how a box with a 4 pixel #5F00B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F00B3; -webkit-box-shadow:4px 4px  
4px 4px #5F00B3; box-shadow:4px 4px 4px  
4px #5F00B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 6226099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F00B3 }
```

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

```
.background{ background-color:#5F00B3 }
```

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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