

# Converting Colors

Decimal(6684822)

Have a look what the booklet for  
Decimal(6684822) contains.

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**Color**

**Decimal(6684822)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	660096
RGB	102, 0, 150
RGB Percent	40%, 0%, 59%
CMY	0.6000, 1.0000, 0.4118
CMYK	0.32, 1.00, 0.00, 0.41
HSL	281°, 100%, 29%
HSV	281°, 100%, 59%
XYZ	10.9845, 5.0268, 29.2455
YIQ	47.5980, 12.6420, 68.2740

# Conversions

## Conversions Part 2

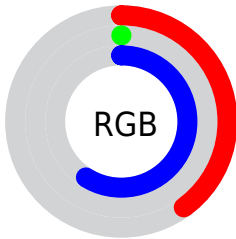
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 0, 150
Decimal	6684822
CIE <sub>Lab</sub>	26.81, 59.02, -55.23
CIE <sub>LCh</sub>	27, 80.829, 316.899
Yxy	5.0268, 0.2427, 0.1111
Android (android.graphics.Color)	4284874902 (0xFF660096)
YUV	47.5980, 50.4842, 47.7106
Hunter-Lab	22.4205, 48.2169, -61.6440

# Details

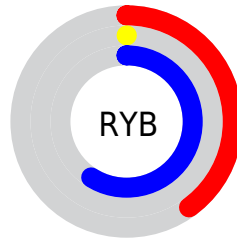
The Decimal color **6684822** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3184128**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **10372301**, and **3014754** is the 20% darker color. If you saturate the color by 10%, you get **6684822**, and if you desaturate by 10%, it is **7016342**.

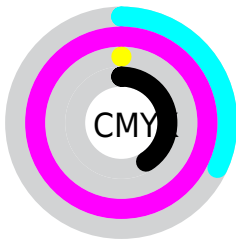
# Distribution



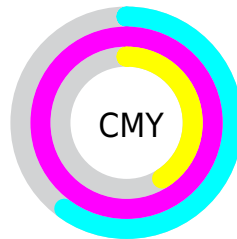
- Red (40%)
- Green (0%)
- Blue (59%)



- Red (40%)
- Yellow (0%)
- Blue (59%)



- Cyan (32%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (60%)
- Magenta (100%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6684822 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 6684822 by changing the saturation by 10% instead.





6684822



6684822

16777215



4849788



10372301



3014754



12279786



1048649



14187263



561



16160511



284



16757503



0



16764671



16772095



6684822

■ 7016342

■ 7347862

■ 7613846

■ 7945366

■ 8276886

■ 8608406

■ 8939926

■ 9205910

■ 9537430

# Harmonies

## Analogous

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



16058



6684822



10027101

# Triad

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



6684822



6566656



21858

# Complementary

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



6684822



3184128

# 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.



21281



6684822



2901760

# Square

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



6684822



9175040



20480



21915

# Rectangle

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



6684822



10616885



20480



21581



# Sweetspot

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



6684822



11503810



12950



5652065



14737632



6381921



# Same Dimension

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



6684822



8650946



9830525



4735818



6160522



458762



# Inverse Universe

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



9830448



12714046



38425



4866885



9044012



655363



# Previews

## White Background



This preview shows how the Decimal color 6684822 looks on a white background.

## Color Contrast Check

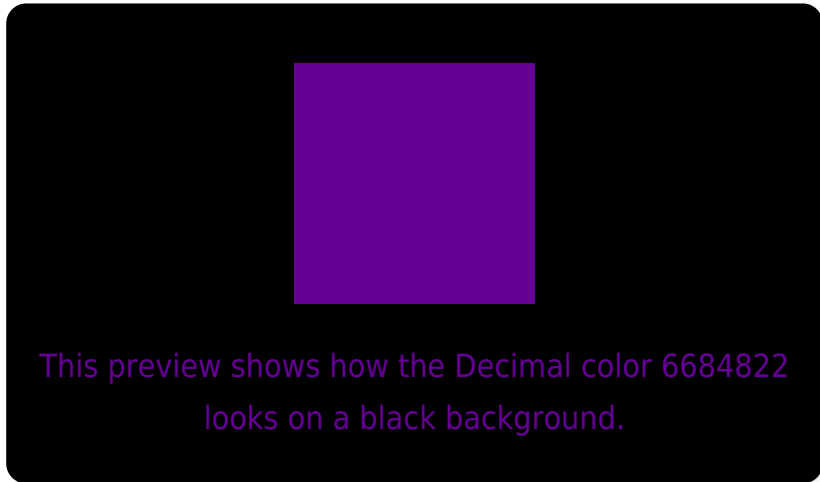
Large Text (above 18pt) WCAG AA ✓ Pass

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

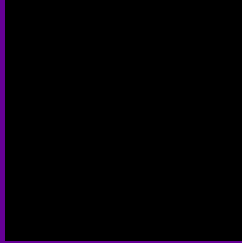
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6684822 Background



This preview shows how black text looks on a background with the Decimal color 6684822.




This preview shows how white text looks on a background with the Decimal color 6684822.

# 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**  
5716799

# Trichromacy



**Original Color**

6684822



**Protanomaly**

2435468



**Deuteranomaly**

2435969



**Tritanomaly**

6039135

# Monochromacy



**Original Color**

6684822



**Achromatopsia**

3158064



**Achromatomaly**

4464469

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6684822 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 #660096 looks like.

```
.text, #text, p{  
    color:#660096  
}
```

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 #660096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #660096
}
```

## Border

The CSS property to change the border of an element to Decimal 6684822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

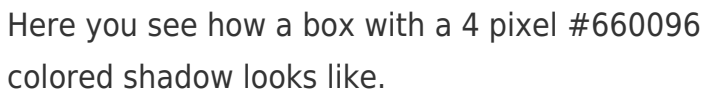
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#660096 }
```

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

```
.border{ border-color:#660096 }
```

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



Here you see how a box with a 4 pixel #660096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #660096; -webkit-box-shadow:4px 4px  
4px 4px #660096; box-shadow:4px 4px 4px  
4px #660096 }
```

# Background

The CSS property to change the background color of an element to Decimal 6684822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#660096 }
```

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

```
.background{ background-color:#660096 }
```

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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