

# Converting Colors

Decimal(6684825)

Have a look what the booklet for  
Decimal(6684825) contains.

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**Color**

**Decimal(6684825)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	660099
RGB	102, 0, 153
RGB Percent	40%, 0%, 60%
CMY	0.6000, 1.0000, 0.4000
CMYK	0.33, 1.00, 0.00, 0.40
HSL	280°, 100%, 30%
HSV	280°, 100%, 60%
XYZ	11.2293, 5.1247, 30.5343
YIQ	47.9400, 11.6790, 69.2070

# Conversions

## Conversions Part 2

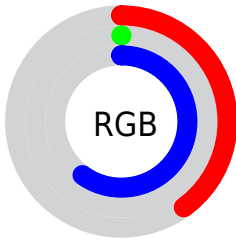
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 0, 153
Decimal	6684825
CIE <sub>Lab</sub>	27.09, 59.62, -56.62
CIE <sub>LCh</sub>	27, 82.225, 316.479
Yxy	5.1247, 0.2395, 0.1093
Android (android.graphics.Color)	4284874905 (0xFF660099)
YUV	47.9400, 51.7946, 47.4106
Hunter-Lab	22.6378, 48.9272, -64.1252

# Details

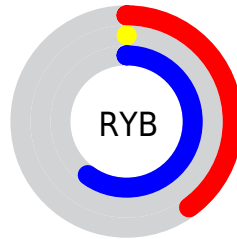
The Decimal color **6684825** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3381504**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **10372560**, and **2949221** is the 20% darker color. If you saturate the color by 10%, you get **6684825**, and if you desaturate by 10%, it is **7016345**.

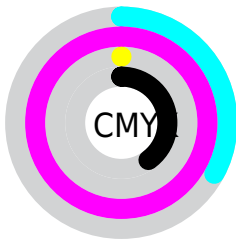
# Distribution



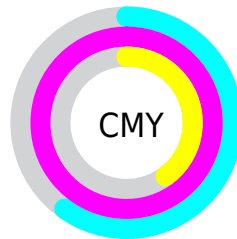
- Red (40%)
- Green (0%)
- Blue (60%)



- Red (40%)
- Yellow (0%)
- Blue (60%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (100%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6684825 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 6684825 by changing the saturation by 10% instead.



6684825

6684825

16777215

4849790

10372560

2949221

12280045

983116

14187519

308

16160511

542

16757503

0

16764927

16772351

6684825

■ 7016345

■ 7348121

■ 7679641

■ 8011161

■ 8408473

■ 8739993

■ 9071513

■ 9403033

■ 9734809

# Harmonies

## Analogous

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



16317



6684825



10158175

# Triad

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



6684825



6697728



22115

# Complementary

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



6684825



3381504

# 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.



21535



6684825



2967552

# Square

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



6684825



9306112



20736



22173

# Rectangle

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



6684825



10813494



20736



21837



# Sweetspot

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



6684825



11766727



13209



5783651



14935011



6513507



# Same Dimension

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



6684825



8716487



10027135



4867405



6160524



589837



# Inverse Universe

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



10027059



13041730



39193



5064007



9175087



851972



# Previews

## White Background



This preview shows how the Decimal color 6684825 looks on a white background.

## Color Contrast Check

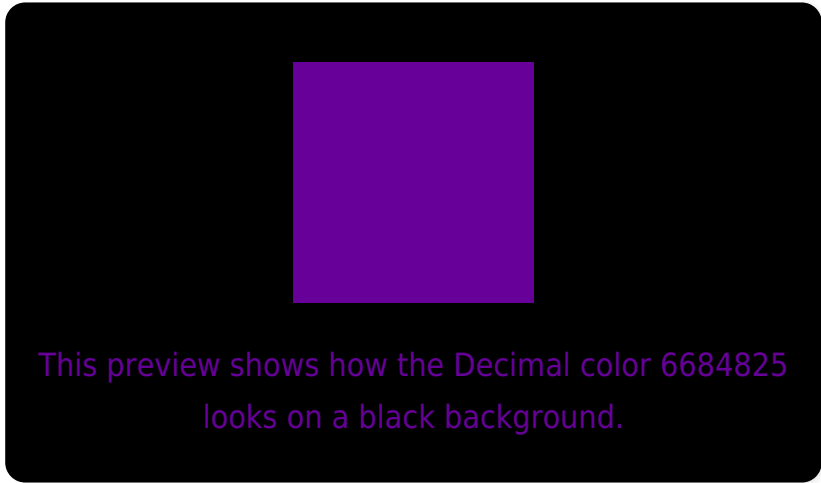
Large Text (above 18pt) WCAG AA ✓ Pass

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

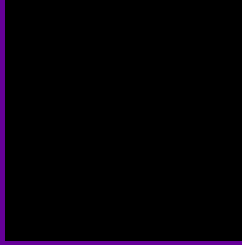
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 6684825 Background



This preview shows how black text looks on a background with the Decimal color 6684825.




This preview shows how white text looks on a background with the Decimal color 6684825.

# 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**  
5651520

# Trichromacy



**Original Color**  
6684825

**Protanomaly**  
2435470

**Deuteranomaly**  
2436227

**Tritanomaly**  
6039136

# Monochromacy



**Original Color**  
6684825

**Achromatopsia**  
3158064

**Achromatomaly**  
4464470

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6684825 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 #660099 looks like.

```
.text, #text, p{  
    color:#660099  
}
```

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 #660099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #660099
}
```

## Border

The CSS property to change the border of an element to Decimal 6684825 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
#660099 }
```

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

```
.border{ border-color:#660099 }
```

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

Here you see how a box with a 4 pixel #660099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #660099; -webkit-box-shadow:4px 4px  
4px 4px #660099; box-shadow:4px 4px 4px  
4px #660099 }
```

# Background

The CSS property to change the background color of an element to Decimal 6684825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#660099 }
```

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

```
.background{ background-color:#660099 }
```

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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