

# Converting Colors

Decimal(6684749)

Have a look what the booklet for  
Decimal(6684749) contains.

<b>Decimal(6684749)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(6684749)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66004D
RGB	102, 0, 77
RGB Percent	40%, 0%, 30%
CMY	0.6000, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.25, 0.60
HSL	315°, 100%, 20%
HSV	315°, 100%, 40%
XYZ	6.8190, 3.3606, 7.3104
YIQ	39.2760, 36.0750, 45.5710

# Conversions

## Conversions Part 2

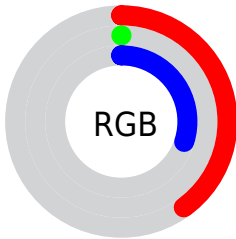
Format	Color
<a href="#">RYB</a>	<a href="#">102, 0, 77</a>
Decimal	<a href="#">6684749</a>
CIELab	<a href="#">21.43, 46.41, -16.75</a>
CIElCh	<a href="#">21, 49.338, 340.158</a>
Yxy	<a href="#">3.3606, 0.3899, 0.1921</a>
Android (android.graphics.Color)	<a href="#">4284874829 (0xFF66004D)</a>
YUV	<a href="#">39.2760, 18.5979, 55.0089</a>
Hunter-Lab	<a href="#">18.3319, 34.3168, -10.8114</a>

# Details

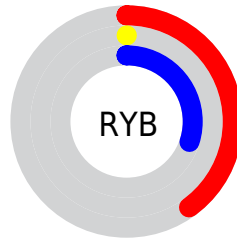
The Decimal color **6684749** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **26137**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **10239870**, and **3407905** is the 20% darker color. If you saturate the color by 10%, you get **6684749**, and if you desaturate by 10%, it is **6687312**.

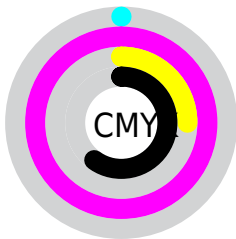
# Distribution



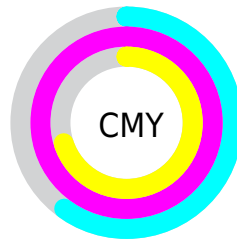
- Red (40%)
- Green (0%)
- Blue (30%)



- Red (40%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6684749 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 6684749 by changing the saturation by 10% instead.



6684749

6684749

16777215

4980790

10239870

3407905

12081560

1310725

13988787

0

15896271

16755435

16762623

16769791

6684749

■ 6687312

■ 6689874

■ 6692693

■ 6695255

■ 6697818

■ 6700380

■ 6702943

■ 6705761

■ 6708324

# Harmonies

## Analogous

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



4268652



6684749



7405609

# Triad

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



6684749



3487232



16994

# Complementary

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



6684749



26137

# 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.



16959



6684749



408832

# Square

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



6684749



5449728



16665



15993

# Rectangle

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



6684749



7144209



16665



16983



# Sweetspot

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



6684749



8740219



1572966



4336188



12763842



4342338



# Same Dimension

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



6684749



8716388



6684699



3354162



7536727



15859895



# Inverse Universe

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



6684749



8716388



26187



3354162



7536727

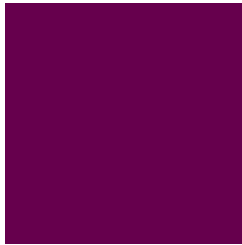


15859895



# Previews

## White Background



This preview shows how the Decimal color 6684749 looks on a white background.

## Color Contrast Check

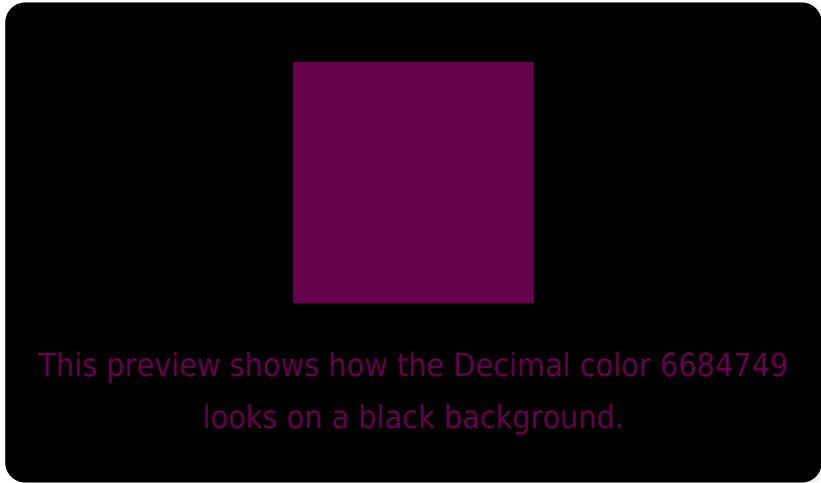
Large Text (above 18pt) WCAG AA ✓ Pass

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

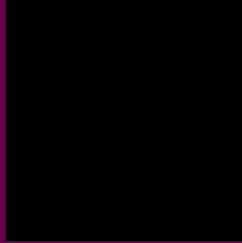
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6684749 Background



This preview shows how black text looks on a background with the Decimal color 6684749.




This preview shows how white text looks on a background with the Decimal color 6684749.

# 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**  
6495776

# Trichromacy



**Original Color**  
6684749

**Protanomaly**  
3285601

**Deuteranomaly**  
4596298

**Tritanomaly**  
6558512

# Monochromacy



**Original Color**  
6684749

**Achromatopsia**  
2565927

**Achromatomaly**  
4069685

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6684749 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 #66004D looks like.

```
.text, #text, p{  
    color:#66004D  
}
```

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 #66004D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66004D
}
```

## Border

The CSS property to change the border of an element to Decimal 6684749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

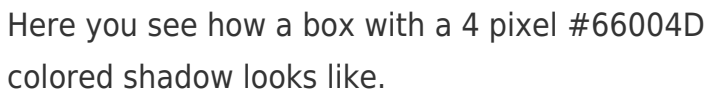
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66004D }
```

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

```
.border{ border-color:#66004D }
```

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



Here you see how a box with a 4 pixel #66004D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66004D; -webkit-box-shadow:4px 4px  
4px 4px #66004D; box-shadow:4px 4px 4px  
4px #66004D }
```

# Background

The CSS property to change the background color of an element to Decimal 6684749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66004D }
```

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

```
.background{ background-color:#66004D }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor