

# Converting Colors

Decimal(6893725)

Have a look what the booklet for  
Decimal(6893725) contains.

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# Color

**Decimal(6893725)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69309D
RGB	105, 48, 157
RGB Percent	41%, 19%, 62%
CMY	0.5882, 0.8118, 0.3843
CMYK	0.33, 0.69, 0.00, 0.38
HSL	271°, 53%, 40%
HSV	271°, 69%, 62%
XYZ	12.9685, 7.5515, 32.6724
YIQ	77.4690, -1.0170, 45.9830

# Conversions

## Conversions Part 2

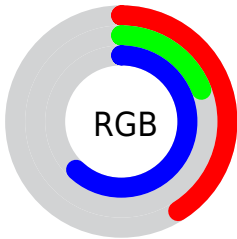
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 48, 157
Decimal	6893725
CIE <sub>Lab</sub>	33.03, 46.07, -49.36
CIE <sub>LCh</sub>	33, 67.518, 313.023
Yxy	7.5515, 0.2438, 0.1420
Android (android.graphics.Color)	4285083805 (0xFF69309D)
YUV	77.4690, 39.2088, 24.1447
Hunter-Lab	27.4800, 36.1485, -51.2570

# Details

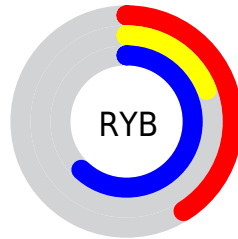
The Decimal color **6893725** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6593840**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **10511060**, and **3342441** is the 20% darker color. If you saturate the color by 10%, you get **6430877**, and if you desaturate by 10%, it is **7356573**.

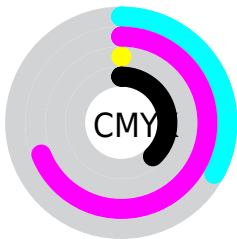
# Distribution



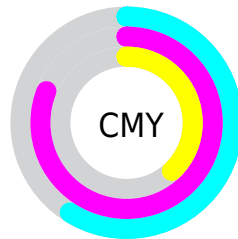
- Red (41%)
- Green (19%)
- Blue (62%)



- Red (41%)
- Yellow (19%)
- Blue (62%)



- Cyan (33%)
- Magenta (69%)
- Yellow (0%)
- Black (38%)



- Cyan (59%)
- Magenta (81%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6893725 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 6893725 by changing the saturation by 10% instead.



6893725

6893725

16777215

5117570

10511060

3342441

12352753

1572944

14260223

56

16233471

546

16764927

7

16772095

0

6893725

6893725

6430877

7356573

■ 5902749

■ 7884701

■ 5439901

■ 8347549

■ 5374109

■ 8875933

■ 9338525

■ 9866909

■ 10329757

■ 10858141

■ 11320733

# Harmonies

## Analogous

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



19896



6893725



10092654

# Triad

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



6893725



7880704



25444

# Complementary

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



6893725



6593840

# 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.



24876



6893725



4936448

# Square

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



6893725



10034176



23808



25238

# Rectangle

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



6893725



10879051



23808



25426



# Sweetspot

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



6893725



12100044



3171741



5918054



15132390



6710886



# Same Dimension

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



6893725



8070092



10301595



4933455



4915343



524303



# Inverse Universe

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



10301540



13378419



3185970



5195595



9371716

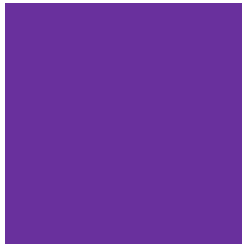


983047



# Previews

## White Background



This preview shows how the Decimal color 6893725 looks on a white background.

## Color Contrast Check

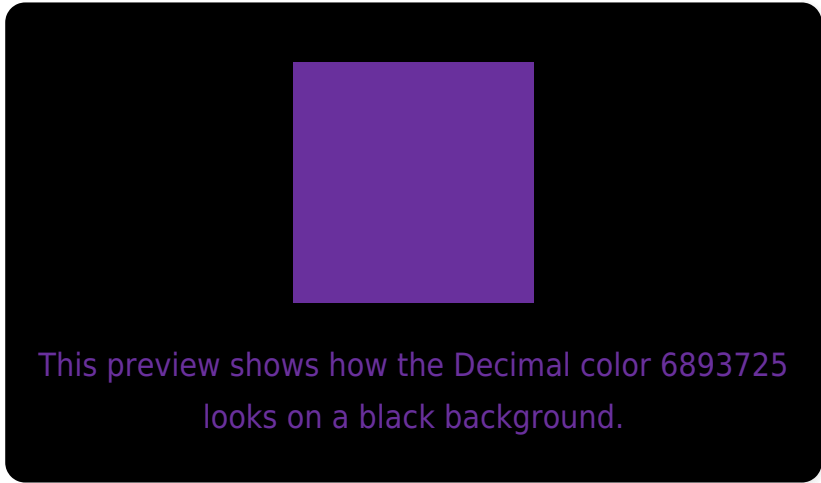
Large Text (above 18pt) WCAG AA ✓ Pass

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

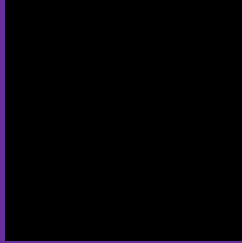
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6893725 Background



This preview shows how black text looks on a background with the Decimal color 6893725.

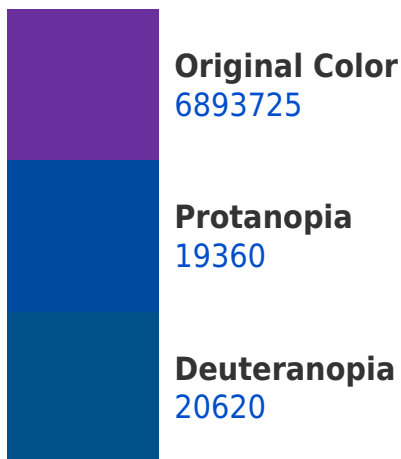



This preview shows how white text looks on a background with the Decimal color 6893725.

# 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**  
5917263

# Trichromacy



**Original Color**  
6893725



**Protanomaly**  
2507167



**Deuteranomaly**  
2507922



**Tritanomaly**  
6242667

# Monochromacy



**Original Color**  
6893725



**Achromatopsia**  
5066061



**Achromatomaly**  
5718634

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6893725 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 #69309D looks like.

```
.text, #text, p{  
    color:#69309D  
}
```

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 #69309D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69309D
}
```

## Border

The CSS property to change the border of an element to Decimal 6893725 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".

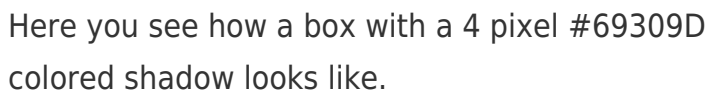
```
.border, #border, table{ border:4px solid
#69309D }
```

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

```
.border{ border-color:#69309D }
```

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

Here you see how a box with a 4 pixel #69309D colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69309D; -webkit-box-shadow:4px 4px  
4px 4px #69309D; box-shadow:4px 4px 4px  
4px #69309D }
```

# Background

The CSS property to change the background color of an element to Decimal 6893725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69309D }
```

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

```
.background{ background-color:#69309D }
```

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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