

# Converting Colors

Decimal(6887772)

Have a look what the booklet for  
Decimal(6887772) contains.

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**Color**

**Decimal(6887772)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69195C
RGB	105, 25, 92
RGB Percent	41%, 10%, 36%
CMY	0.5882, 0.9020, 0.6392
CMYK	0.00, 0.76, 0.12, 0.59
HSL	310°, 62%, 25%
HSV	310°, 76%, 41%
XYZ	8.1051, 4.4712, 10.5611
YIQ	56.5580, 26.1730, 37.7970

# Conversions

## Conversions Part 2

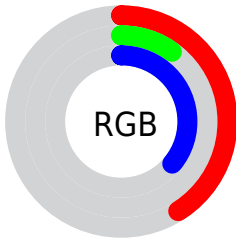
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 25, 92
Decimal	6887772
CIE Lab	25.17, 42.61, -20.91
CIE LCh	25, 47.465, 333.867
Yxy	4.4712, 0.3503, 0.1932
Android (android.graphics.Color)	4285077852 (0xFF69195C)
YUV	56.5580, 17.4729, 42.4836
Hunter-Lab	21.1453, 31.4158, -14.8109

# Details

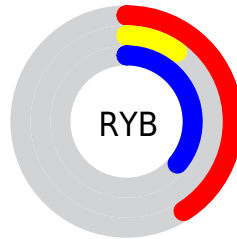
The Decimal color **6887772** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1665318**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **10440079**, and **3538990** is the 20% darker color. If you saturate the color by 10%, you get **6884954**, and if you desaturate by 10%, it is **6890334**.

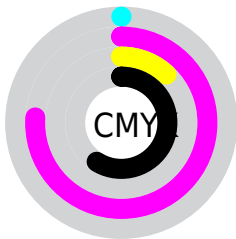
# Distribution



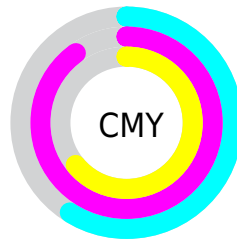
- Red (41%)
- Green (10%)
- Blue (36%)



- Red (41%)
- Yellow (10%)
- Blue (36%)



- Cyan (0%)
- Magenta (76%)
- Yellow (12%)
- Black (59%)



- Cyan (59%)
- Magenta (90%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6887772 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 6887772 by changing the saturation by 10% instead.



6887772

6887772

16777215

5177412

10440079

3538990

12281769

1966105

14123460

0

16030944

16759037

16766207

16773631

6887772

6887772

■ 6884954

■ 6890334

■ 6882393

■ 6893151

■ 6881368

■ 6895713

■ 6898531

■ 6901093

■ 6903910

■ 6906472

■ 6909290

■ 6911851

# Harmonies

## Analogous

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



4075640



6887772



7931449

# Triad

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



6887772



4602880



19299

# Complementary

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



6887772



1665318

# 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.



19264



688772



2114560

# Square

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



6887772



6434048



18713



18301

# Rectangle

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



6887772



7868449



18713



19288



# Sweetspot

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



6887772



9071237



2431337



4534850



12895428



4539717



# Same Dimension

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



6887772



9047157



6887733



3551285



7667810



16056525



# Inverse Universe

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



6887772



9047157



1665357



3551285



7667810

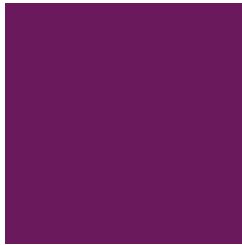


16056525



# Previews

## White Background



This preview shows how the Decimal color 6887772 looks on a white background.

## Color Contrast Check

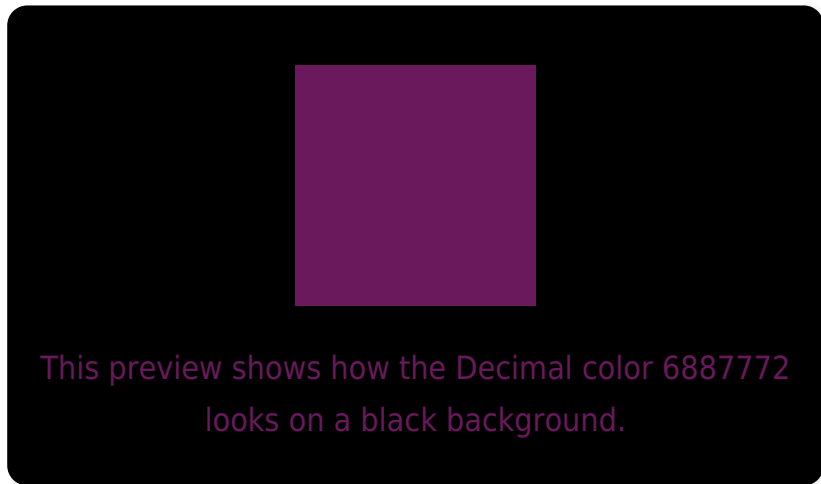
Large Text (above 18pt) WCAG AA ✓ Pass

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

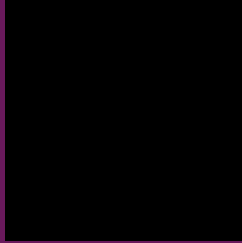
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6887772 Background



This preview shows how black text looks on a background with the Decimal color 6887772.

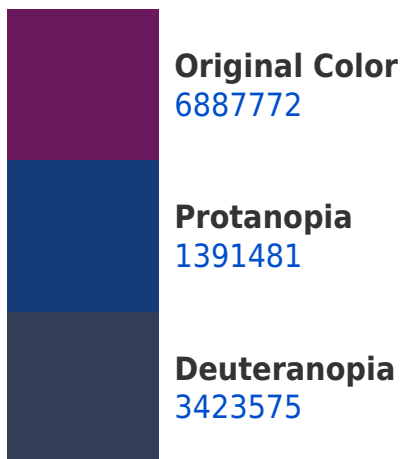


This preview shows how white text looks on a background with the Decimal color 6887772.

# 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





# Trichromacy



**Original Color**  
6887772

**Protanomaly**  
3420014

**Deuteranomaly**  
4665433

**Tritanomaly**  
6693950

# Monochromacy



**Original Color**  
6887772

**Achromatopsia**  
3750201

**Achromatomaly**  
4861254

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6887772 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 #69195C looks like.

```
.text, #text, p{  
    color:#69195C  
}
```

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 #69195C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69195C }  
}
```

## Border

The CSS property to change the border of an element to Decimal 6887772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

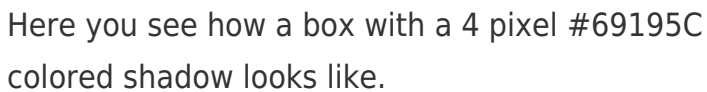
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #69195C }  
}
```

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

```
.border{ border-color:#69195C }
```

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



Here you see how a box with a 4 pixel #69195C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69195C; -webkit-box-shadow:4px 4px  
4px 4px #69195C; box-shadow:4px 4px 4px  
4px #69195C }
```

# Background

The CSS property to change the background color of an element to Decimal 6887772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69195C }
```

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

```
.background{ background-color:#69195C }
```

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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