

# Converting Colors

Decimal(7363980)

Have a look what the booklet for  
Decimal(7363980) contains.

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# Color

**Decimal(7363980)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	705D8C
RGB	112, 93, 140
RGB Percent	44%, 36%, 55%
CMY	0.5608, 0.6353, 0.4510
CMYK	0.20, 0.34, 0.00, 0.45
HSL	264°, 20%, 46%
HSV	264°, 34%, 55%
XYZ	15.3301, 13.1669, 26.5444
YIQ	104.0390, -3.7630, 18.6450

# Conversions

## Conversions Part 2

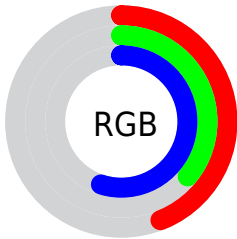
Format	Color
R <sub>Y</sub> B	112, 93, 140
Decimal	7363980
CIE Lab	43.01, 17.80, -23.19
CIE LCh	43, 29.235, 307.506
Yxy	13.1669, 0.2785, 0.2392
Android (android.graphics.Color)	4285554060 (0xFF705D8C)
YUV	104.0390, 17.7288, 6.9818
Hunter-Lab	36.2862, 11.9111, -17.9720

# Details

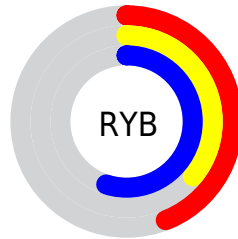
The Decimal color **7363980** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7965789**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **10784706**, and **4140890** is the 20% darker color. If you saturate the color by 10%, you get **6836108**, and if you desaturate by 10%, it is **7891852**.

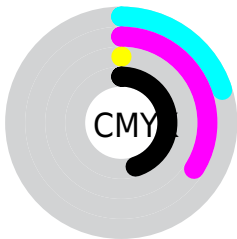
# Distribution



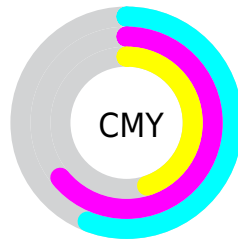
- Red (44%)
- Green (36%)
- Blue (55%)



- Red (44%)
- Yellow (36%)
- Blue (55%)



- Cyan (20%)
- Magenta (34%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (64%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7363980 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 7363980 by changing the saturation by 10% instead.





7363980



7363980

16777215



5719410



10784706



4140890



12626654



2628162



14468602



1376300



16376319



278

16776959



0



7363980



7363980



6836108



7891852



6242700



8485260

■ 5714828

■ 9013132

■ 5186956

■ 9541004

■ 4593548

■ 10134412

■ 4065676

■ 10662284

■ 3735692

■ 11190156

■ 11783564

■ 12311436

# Harmonies

## Analogous

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



4941461



7363980



9000313

# Triad

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



7363980



8674873



29291

# Complementary

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



7363980



7965789

# 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.



3567954



7363980



7300661

# Square

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



7363980



9524809



5598526



29058

# Rectangle

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



7363980



9589353



5598526



1733219



# Sweetspot

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



7363980



11183029



6125964



5591388



14408667



6052956



# Same Dimension

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



7363980



9072053



8871308



4275781



3539077



131077



# Inverse Universe

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



9198969



11890072



6458461



4537922



8716367

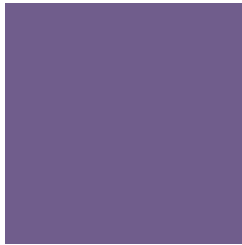


327683



# Previews

## White Background



This preview shows how the Decimal color 7363980 looks on a white background.

## Color Contrast Check

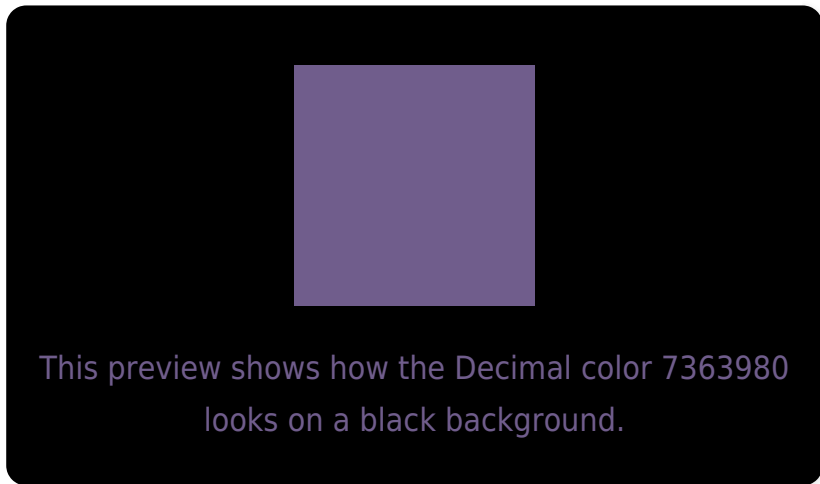
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

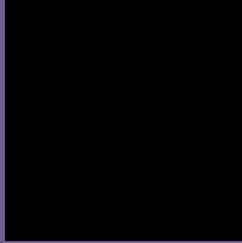
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7363980 Background



This preview shows how black text looks on a background with the Decimal color 7363980.



This preview shows how white text looks on a background with the Decimal color 7363980.

# 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



**Original Color**  
7363980

**Protanopia**  
5727378

**Deuteranopia**  
5989515



# Trichromacy



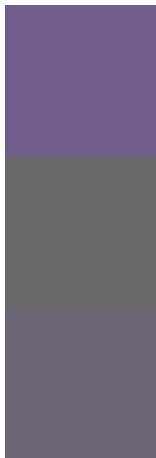
**Original Color**  
7363980

**Protanomaly**  
6316432

**Deuteranomaly**  
6513035

**Tritanomaly**  
7102839

# Monochromacy



**Original Color**  
7363980

**Achromatopsia**  
6842472

**Achromatomaly**  
7038069

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7363980 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 #705D8C looks like.

```
.text, #text, p{  
    color:#705D8C  
}
```

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 #705D8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #705D8C
}
```

## Border

The CSS property to change the border of an element to Decimal 7363980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

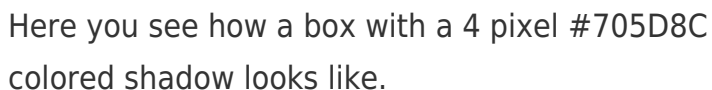
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#705D8C }
```

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

```
.border{ border-color:#705D8C }
```

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



Here you see how a box with a 4 pixel #705D8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #705D8C; -webkit-box-shadow:4px 4px  
4px 4px #705D8C; box-shadow:4px 4px 4px  
4px #705D8C }
```

# Background

The CSS property to change the background color of an element to Decimal 7363980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#705D8C }
```

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

```
.background{ background-color:#705D8C }
```

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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