

# Converting Colors

Decimal(6771328)

Have a look what the booklet for  
Decimal(6771328) contains.

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# Color

**Decimal(6771328)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	675280
RGB	103, 82, 128
RGB Percent	40%, 32%, 50%
CMY	0.5961, 0.6784, 0.4980
CMYK	0.20, 0.36, 0.00, 0.50
HSL	267°, 22%, 41%
HSV	267°, 36%, 50%
XYZ	12.5071, 10.4767, 21.7851
YIQ	93.5230, -2.2500, 18.7580

# Conversions

## Conversions Part 2

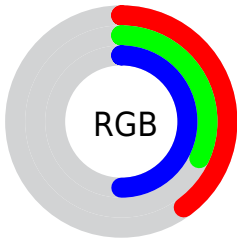
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 82, 128
Decimal	6771328
CIE <sub>Lab</sub>	38.68, 18.61, -22.69
CIE <sub>LCh</sub>	39, 29.346, 309.352
Yxy	10.4767, 0.2794, 0.2340
Android (android.graphics.Color)	4284961408 (0xFF675280)
YUV	93.5230, 16.9972, 8.3113
Hunter-Lab	32.3677, 12.3302, -17.2478

# Details

The Decimal color **6771328** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7045202**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **10192053**, and **3614031** is the 20% darker color. If you saturate the color by 10%, you get **6309248**, and if you desaturate by 10%, it is **7233408**.

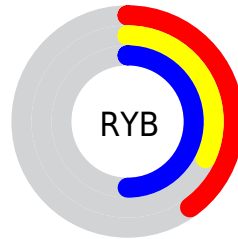
# Distribution



Red (40%)

Green (32%)

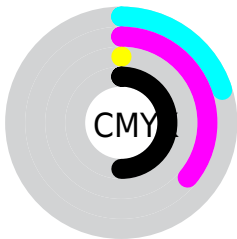
Blue (50%)



Red (40%)

Yellow (32%)

Blue (50%)

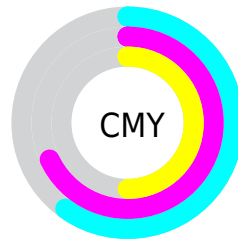


Cyan (20%)

Magenta (36%)

Yellow (0%)

Black (50%)



Cyan (60%)

Magenta (68%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6771328 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 6771328 by changing the saturation by 10% instead.



6771328

6771328

16777215

5127015

10192053

3614031

11968209

2101303

13810157

589858

15652351

8

16773631

0

6771328

6771328

6309248

7233408

5847168

7695488

■ 5385344

■ 8157312

■ 4923264

■ 8619392

■ 4461184

■ 9081472

■ 3999104

■ 9543552

■ 3801216

■ 10005632

■ 10467456

■ 10929536

# Harmonies

## Analogous

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



4348810



6771328



8276588

# Triad

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



6771328



7820334



26466

# Complementary

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



6771328



7045202

# 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.



2647625



6771328



6511659

# Square

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



6771328



8735806



4809269



26233

# Rectangle

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



6771328



8800349



4809269



26458



# Sweetspot

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



6771328



10261670



5401472



5130580



13948116



5526612



# Same Dimension

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



6771328



8347302



8278656



3946816



3801216



0



# Inverse Universe

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



8409707



10903173



5537874



4208957



8388677



0



# Previews

## White Background



This preview shows how the Decimal color 6771328 looks on a white background.

## Color Contrast Check

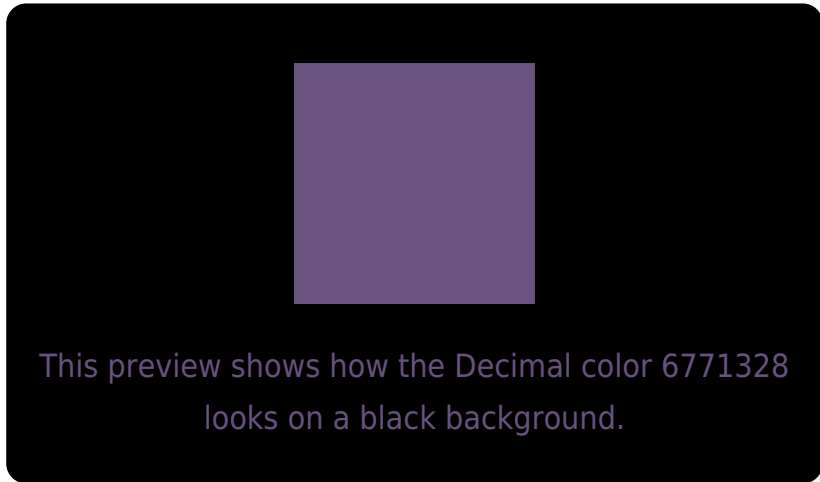
Large Text (above 18pt) WCAG AA ✓ Pass

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

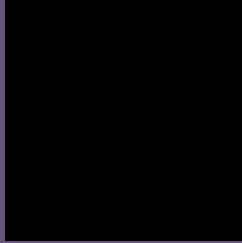
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6771328 Background



This preview shows how black text looks on a background with the Decimal color 6771328.

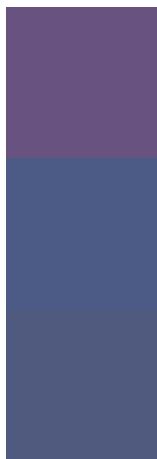


This preview shows how white text looks on a background with the Decimal color 6771328.

# 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**  
6771328

**Protanopia**  
5003910

**Deuteranopia**  
5266046



**Tritanopia**  
6379872

# Trichromacy



**Original Color**  
6771328

**Protanomaly**  
5658500

**Deuteranomaly**  
5789567

**Tritanomaly**  
6510188

# Monochromacy



**Original Color**  
6771328

**Achromatopsia**  
6184542

**Achromatomaly**  
6380138

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6771328 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 #675280 looks like.

```
.text, #text, p{  
    color:#675280  
}
```

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 #675280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675280
}
```

## Border

The CSS property to change the border of an element to Decimal 6771328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

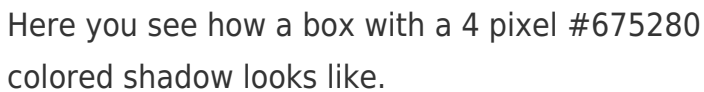
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#675280 }
```

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

```
.border{ border-color:#675280 }
```

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



Here you see how a box with a 4 pixel #675280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675280; -webkit-box-shadow:4px 4px  
4px 4px #675280; box-shadow:4px 4px 4px  
4px #675280 }
```

# Background

The CSS property to change the background color of an element to Decimal 6771328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675280 }
```

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

```
.background{ background-color:#675280 }
```

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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