

# Converting Colors

Decimal(7028897)

Have a look what the booklet for  
Decimal(7028897) contains.

<b>Decimal(7028897)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

**Decimal(7028897)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B40A1
RGB	107, 64, 161
RGB Percent	42%, 25%, 63%
CMY	0.5804, 0.7490, 0.3686
CMYK	0.34, 0.60, 0.00, 0.37
HSL	267°, 43%, 44%
HSV	267°, 60%, 63%
XYZ	14.3298, 9.3658, 34.7707
YIQ	87.9150, -5.5090, 39.2830

# Conversions

## Conversions Part 2

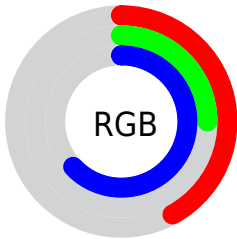
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 64, 161
Decimal	7028897
CIE <sub>Lab</sub>	36.68, 39.05, -45.88
CIE <sub>LCh</sub>	37, 60.247, 310.404
Yxy	9.3658, 0.2451, 0.1602
Android (android.graphics.Color)	4285218977 (0xFF6B40A1)
<b>YUV</b>	87.9150, 36.0309, 16.7375
Hunter-Lab	30.6036, 30.0245, -45.9407

# Details

The Decimal color **7028897** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7774528**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **10646232**, and **3543149** is the 20% darker color. If you saturate the color by 10%, you get **6434977**, and if you desaturate by 10%, it is **7622817**.

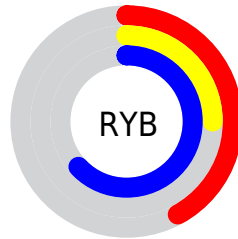
# Distribution



Red (42%)

Green (25%)

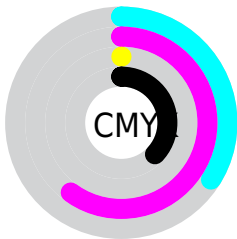
Blue (63%)



Red (42%)

Yellow (25%)

Blue (63%)

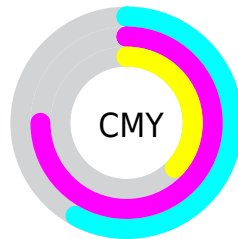


Cyan (34%)

Magenta (60%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (75%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7028897 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 7028897 by changing the saturation by 10% instead.



7028897

7028897

16777215

5253254

10646232

3543149

12487925

1704020

14329855

60

16302847

549

16768767

269

16776191

0

7028897

7028897

6434977

7622817

■ 5841057

■ 8216737

■ 5247137

■ 8810657

■ 4653217

■ 9404577

■ 9998753

■ 10592673

■ 11186593

■ 11780513

■ 12374433

# Harmonies

## Analogous

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



22455



7028897



10166648

# Triad

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



7028897



8603648



27494

# Complementary

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



7028897



7774528

# 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.



26931



7028897



5986816

# Square

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



7028897



10431769



2057216



27285

# Rectangle

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



7028897



11014232



2057216



27478



# Sweetspot

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



7028897



12364753



4224929



6050409



15263976



6908265



# Same Dimension

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



7028897



8207313



10174625



5065042



4194449



524306



# Inverse Universe

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



10567798



13712270



4628800



5392718



9502801

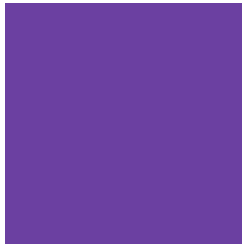


1179658



# Previews

## White Background



This preview shows how the Decimal color 7028897 looks on a white background.

## Color Contrast Check

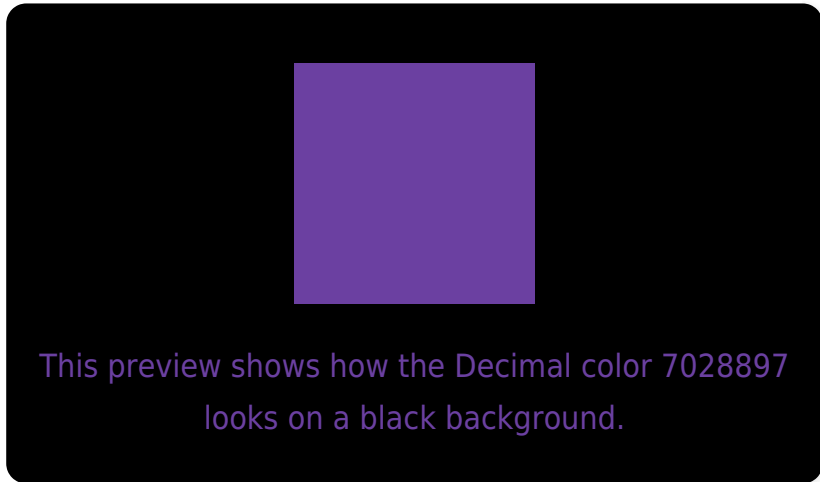
Large Text (above 18pt) WCAG AA ✓ Pass

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

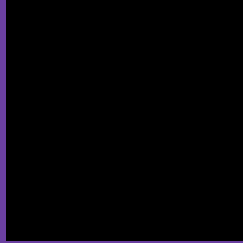
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7028897 Background



This preview shows how black text looks on a background with the Decimal color 7028897.

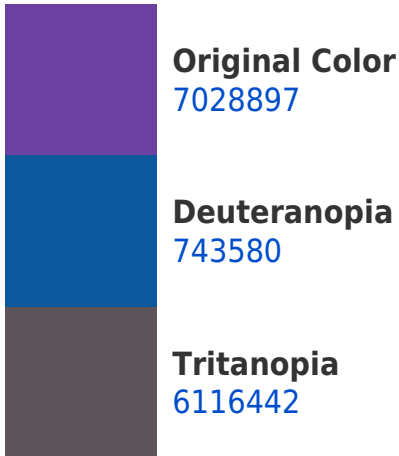


This preview shows how white text looks on a background with the Decimal color 7028897.

# 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**  
7028897

**Deuteranomaly**  
3035038

**Tritanomaly**  
6442356

# Monochromacy



**Original Color**  
7028897

**Achromatopsia**  
5789784

**Achromatomaly**  
6246259

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7028897 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 #6B40A1 looks like.

```
.text, #text, p{  
    color:#6B40A1  
}
```

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 #6B40A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B40A1
}
```

## Border

The CSS property to change the border of an element to Decimal 7028897 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
#6B40A1 }
```

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

```
.border{ border-color:#6B40A1 }
```

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

Here you see how a box with a 4 pixel #6B40A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B40A1; -webkit-box-shadow:4px 4px  
4px 4px #6B40A1; box-shadow:4px 4px 4px  
4px #6B40A1 }
```

# Background

The CSS property to change the background color of an element to Decimal 7028897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B40A1 }
```

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

```
.background{ background-color:#6B40A1 }
```

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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