

Converting Colors

Decimal(6834812)

Have a look what the booklet for
Decimal(6834812) contains.

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Color

Decimal(6834812)

Conversions

Conversions Part 1

Format	Color
Hex	684A7C
RGB	104, 74, 124
RGB Percent	41%, 29%, 49%
CMY	0.5922, 0.7098, 0.5137
CMYK	0.16, 0.40, 0.00, 0.51
HSL	276°, 25%, 39%
HSV	276°, 40%, 49%
XYZ	11.7958, 9.2959, 20.2414
YIQ	88.6700, 1.8300, 21.9100

Conversions

Conversions Part 2

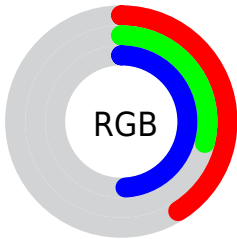
Format	Color
RYB	104, 74, 124
Decimal	6834812
CIELab	36.55, 22.90, -23.55
CIElCh	37, 32.847, 314.207
Yxy	9.2959, 0.2854, 0.2249
Android (android.graphics.Color)	4285024892 (0xFF684A7C)
YUV	88.6700, 17.4177, 13.4444
Hunter-Lab	30.4891, 15.7031, -18.0196

Details

The Decimal color **6834812** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6192202**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **10255281**, and **3611979** is the 20% darker color. If you saturate the color by 10%, you get **6504060**, and if you desaturate by 10%, it is **7165564**.

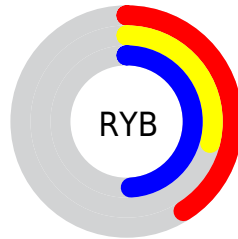
Distribution



Red (41%)

Green (29%)

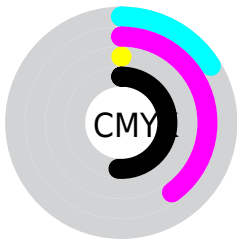
Blue (49%)



Red (41%)

Yellow (29%)

Blue (49%)

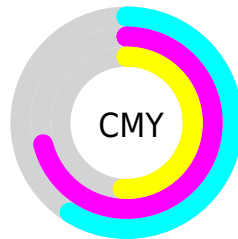


Cyan (16%)

Magenta (40%)

Yellow (0%)

Black (51%)



Cyan (59%)















Magenta (71%)







Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6834812 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 6834812 by changing the saturation by 10% instead.

 6834812	 6834812
 16777215	 5190499
 10255281	 3611979
 12031436	 2164532
 13873385	 31
 15781119	 1
 16771327	 0

 6834812	 6834812
 6504060	 7165564
 6173052	 7496572

■ 5842300

■ 7827324

■ 5511292

■ 8158332

■ 5180540

■ 8489084

■ 4849788

■ 8819836

■ 9150844

■ 9481596

■ 9812604

Harmonies

Analogous

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



4215945



6834812



8339813

Triad

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



6834812



7426082



25442

Complementary

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



6834812



6192202

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.



549447



6834812



5855264

Square

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



6834812



8472114



3956527



25210

Rectangle

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



6834812



8798035



3956527



25433

Sweetspot

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



6834812



10063265



4873852



5064274



13750737



5395026

Same Dimension

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



6834812



8541345



8145527



3880765



4915325



9896188

Inverse Universe

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



8145502



10572914



4881487



4011834



8192050



16515173

Previews

White Background



This preview shows how the Decimal color 6834812 looks on a white background.

Color Contrast Check

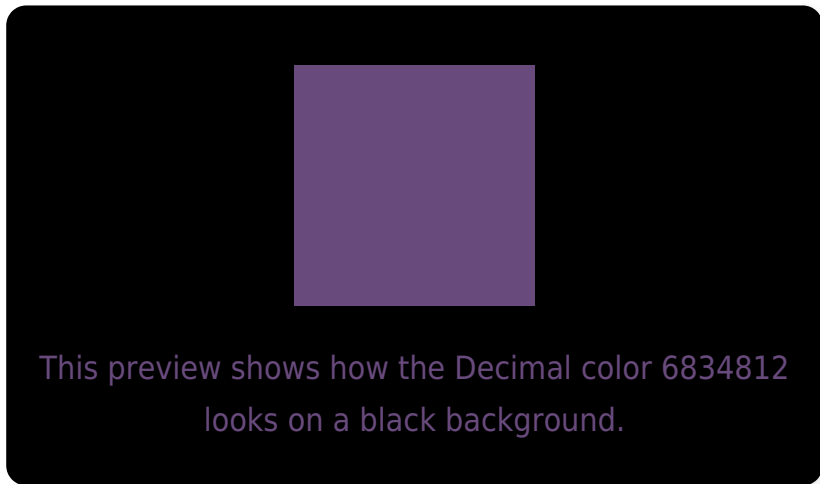
Large Text (above 18pt) WCAG AA ✓ Pass

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

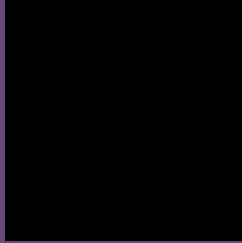
Any Text WCAG AA × Fail

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 6834812 Background



This preview shows how black text looks on a background with the Decimal color 6834812.

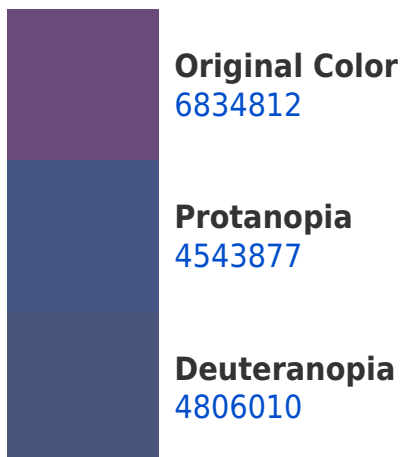



This preview shows how white text looks on a background with the Decimal color 6834812.

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
6443608

Trichromacy



Original Color
6834812

Protanomaly
5394818

Deuteranomaly
5525883

Tritanomaly
6573925

Monochromacy



Original Color
6834812

Achromatopsia
5855577

Achromatomaly
6181990

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6834812 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 #684A7C looks like.

```
.text, #text, p{  
  color:#684A7C  
}
```

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 #684A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684A7C
}
```

Border

The CSS property to change the border of an element to Decimal 6834812 is called "border". The border property can be set on classes, ids or directly on the HTML element.

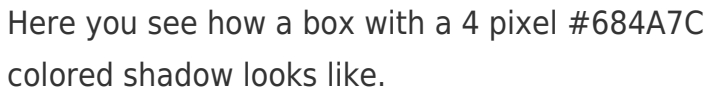
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684A7C }
```

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

```
.border{ border-color:#684A7C }
```

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



Here you see how a box with a 4 pixel #684A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684A7C; -webkit-box-shadow:4px 4px  
4px 4px #684A7C; box-shadow:4px 4px 4px  
4px #684A7C }
```

Background

The CSS property to change the background color of an element to Decimal 6834812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684A7C }
```

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

```
.background{ background-color:#684A7C }
```

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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