

Converting Colors

Decimal(6826634)

Have a look what the booklet for
Decimal(6826634) contains.

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Color

Decimal(6826634)

Conversions

Conversions Part 1

Format	Color
Hex	682A8A
RGB	104, 42, 138
RGB Percent	41%, 16%, 54%
CMY	0.5922, 0.8353, 0.4588
CMYK	0.25, 0.70, 0.00, 0.46
HSL	279°, 53%, 35%
HSV	279°, 70%, 54%
XYZ	11.1243, 6.4340, 24.7003
YIQ	71.4820, 6.1360, 43.0000

Conversions

Conversions Part 2

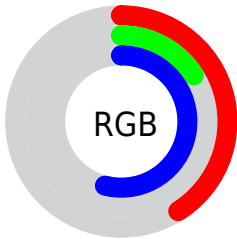
Format	Color
R_{YB}	104, 42, 138
Decimal	6826634
CIE _{Lab}	30.48, 44.22, -41.84
CIE _{LCh}	30, 60.876, 316.589
Yxy	6.4340, 0.2632, 0.1523
Android (android.graphics.Color)	4285016714 (0xFF682A8A)
YUV	71.4820, 32.7934, 28.5183
Hunter-Lab	25.3653, 33.8948, -39.9801

Details

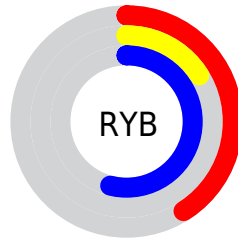
The Decimal color **6826634** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5016106**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **10378432**, and **3407959** is the 20% darker color. If you saturate the color by 10%, you get **6495370**, and if you desaturate by 10%, it is **7157898**.

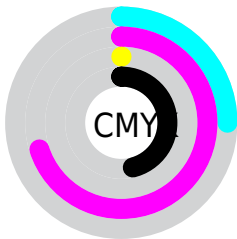
Distribution



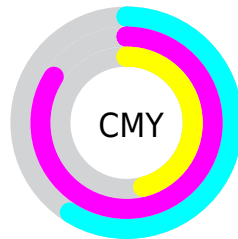
- Red (41%)
- Green (16%)
- Blue (54%)



- Red (41%)
- Yellow (16%)
- Blue (54%)



- Cyan (25%)
- Magenta (70%)
- Yellow (0%)
- Black (46%)



- Cyan (59%)
- Magenta (84%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6826634 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 6826634 by changing the saturation by 10% instead.

6826634

6826634

16777215

5115760

10378432

3407959

12220124

2031679

14127609

40

16035071

274

16763135

0

16770303

6826634

6826634

6495370

7157898

6164106

7489162

5833098

7820170

5832842

8151434

8417162

8748426

9079690

9410698

9741962

Harmonies

Analogous

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



17828



6826634



9371743

Triad

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



6826634



6962688



23394

Complementary

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



6826634



5016106

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.



23088



6826634



4214272

Square

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



6826634



8987136



22016



23181

Rectangle

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



6826634



9961536



22016



23377

Sweetspot

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



6826634



10849715



2772362



5325657



14277081



5855577

Same Dimension

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



6826634



8265395



9054845



4341317



5636229



196613

Inverse Universe

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



9054796



11738707



2787895



4537920



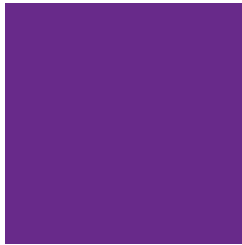
8716335



327682

Previews

White Background



This preview shows how the Decimal color 6826634 looks on a white background.

Color Contrast Check

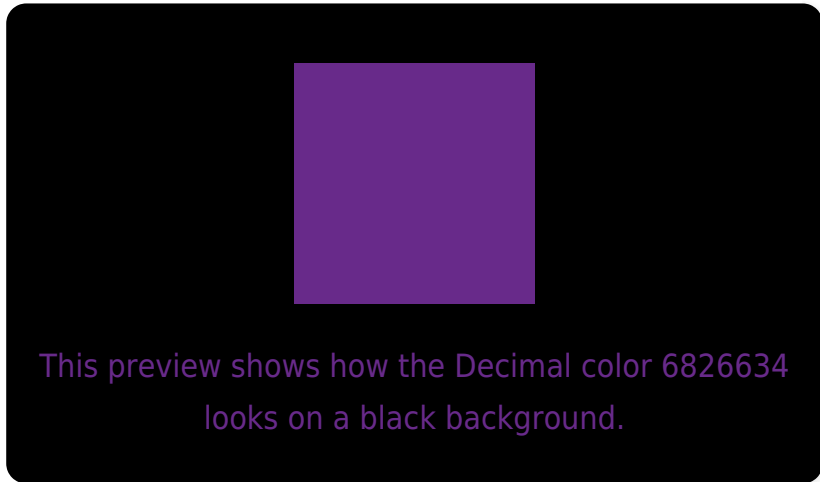
Large Text (above 18pt) WCAG AA ✓ Pass

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 6826634 Background



This preview shows how black text looks on a background with the Decimal color 6826634.




This preview shows how white text looks on a background with the Decimal color 6826634.

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
6111558

Trichromacy



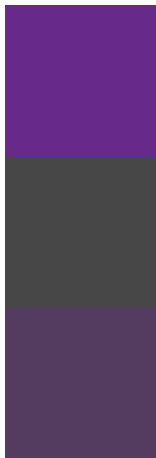
Original Color
6826634

Protanomaly
2505872

Deuteranomaly
2506374

Tritanomaly
6371679

Monochromacy



Original Color
6826634

Achromatopsia
4671303

Achromatomaly
5454943

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6826634 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 #682A8A looks like.

```
.text, #text, p{  
  color:#682A8A  
}
```

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 #682A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682A8A
}
```

Border

The CSS property to change the border of an element to Decimal 6826634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

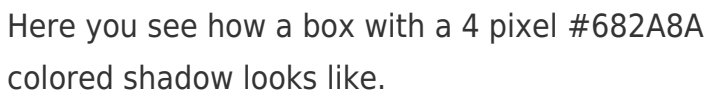
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682A8A }
```

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

```
.border{ border-color:#682A8A }
```

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



Here you see how a box with a 4 pixel #682A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682A8A; -webkit-box-shadow:4px 4px  
4px 4px #682A8A; box-shadow:4px 4px 4px  
4px #682A8A }
```

Background

The CSS property to change the background color of an element to Decimal 6826634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682A8A }
```

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

```
.background{ background-color:#682A8A }
```

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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