

Converting Colors

Decimal(6827136)

Have a look what the booklet for
Decimal(6827136) contains.

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Color

Decimal(6827136)

Conversions

Conversions Part 1

Format	Color
Hex	682C80
RGB	104, 44, 128
RGB Percent	41%, 17%, 50%
CMY	0.5922, 0.8275, 0.4980
CMYK	0.19, 0.66, 0.00, 0.50
HSL	283°, 49%, 34%
HSV	283°, 66%, 50%
XYZ	10.5059, 6.3029, 21.0849
YIQ	71.5160, 8.7960, 38.8440

Conversions

Conversions Part 2

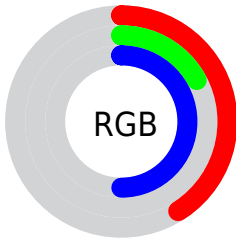
Format	Color
R_{YB}	104, 44, 128
Decimal	6827136
CIE _{Lab}	30.16, 40.97, -36.12
CIE _{LCh}	30, 54.619, 318.606
Yxy	6.3029, 0.2772, 0.1663
Android (android.graphics.Color)	4285017216 (0xFF682C80)
YUV	71.5160, 27.8466, 28.4885
Hunter-Lab	25.1056, 30.7615, -32.2207

Details

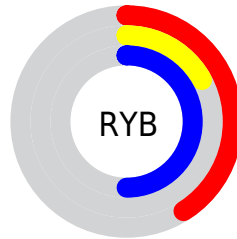
The Decimal color **6827136** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4489260**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **10378933**, and **3473486** is the 20% darker color. If you saturate the color by 10%, you get **6561664**, and if you desaturate by 10%, it is **7092608**.

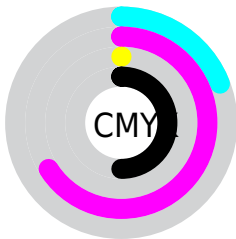
Distribution



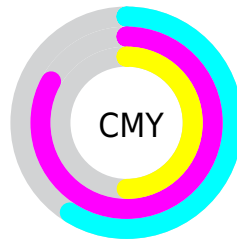
- Red (41%)
- Green (17%)
- Blue (50%)



- Red (41%)
- Yellow (17%)
- Blue (50%)



- Cyan (19%)
- Magenta (66%)
- Yellow (0%)
- Black (50%)



- Cyan (59%)
- Magenta (83%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6827136 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 6827136 by changing the saturation by 10% instead.

6827136

6827136

16777215

5116519

10378933

3473486

12155089

2162743

14062318

544

15969791

5

16763391

0

16770815

6827136

6827136

6561664

7092608

6361728

7292544

6096512

7557760

5963904

7823232

8023168

8288640

8554112

8753792

9019264

Harmonies

Analogous

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



17305



6827136



8981593

Triad

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



6827136



6635264



22881

Complementary

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



6827136



4489260

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.



22581



6827136



4214016

Square

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



6827136



8464899



21506



22407

Rectangle

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



6827136



9438013



21506



22867

Sweetspot

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



6827136



10257830



2901376



5128276



13948116



5526612

Same Dimension

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



6827136



8397734



8399983



4077888



5963904



0

Inverse Universe

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



8399940



10888008



2916413



4208955



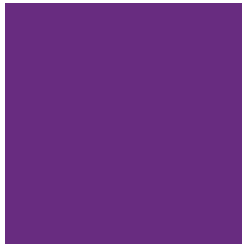
8388644



0

Previews

White Background



This preview shows how the Decimal color 6827136 looks on a white background.

Color Contrast Check

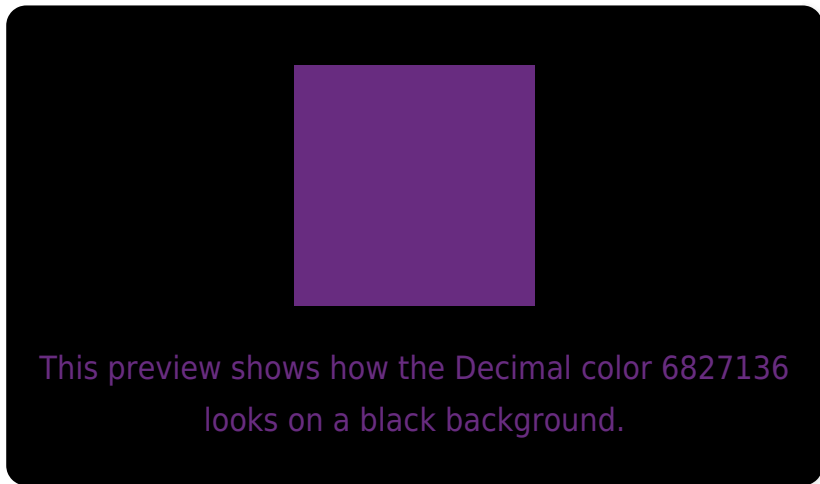
Large Text (above 18pt) WCAG AA ✓ Pass

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

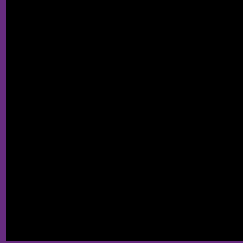
Any Text WCAG AA × Fail

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 6827136 Background



This preview shows how black text looks on a background with the Decimal color 6827136.



This preview shows how white text looks on a background with the Decimal color 6827136.

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
6827136



Protanomaly
2505868



Deuteranomaly
3882621



Tritanomaly
6436953

Monochromacy



Original Color
6827136



Achromatopsia
4737096



Achromatomaly
5520988

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6827136 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 #682C80 looks like.

```
.text, #text, p{  
    color:#682C80  
}
```

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 #682C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682C80
}
```

Border

The CSS property to change the border of an element to Decimal 6827136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

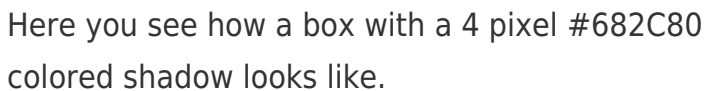
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682C80 }
```

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

```
.border{ border-color:#682C80 }
```

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



Here you see how a box with a 4 pixel #682C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682C80; -webkit-box-shadow:4px 4px  
4px 4px #682C80; box-shadow:4px 4px 4px  
4px #682C80 }
```

Background

The CSS property to change the background color of an element to Decimal 6827136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682C80 }
```

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

```
.background{ background-color:#682C80 }
```

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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