

# Converting Colors

Decimal(6826878)

Have a look what the booklet for  
Decimal(6826878) contains.

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# Color

**Decimal(6826878)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	682B7E
RGB	104, 43, 126
RGB Percent	41%, 17%, 49%
CMY	0.5922, 0.8314, 0.5059
CMYK	0.17, 0.66, 0.00, 0.51
HSL	284°, 49%, 33%
HSV	284°, 66%, 49%
XYZ	10.3387, 6.1772, 20.3861
YIQ	70.7010, 9.7130, 38.7450

# Conversions

## Conversions Part 2

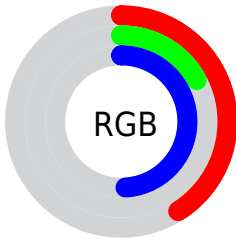
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 43, 126
Decimal	6826878
CIELab	29.86, 41.03, -35.36
CIElCh	30, 54.159, 319.246
Yxy	6.1772, 0.2802, 0.1674
Android (android.graphics.Color)	4285016958 (0xFF682B7E)
YUV	70.7010, 27.2624, 29.2032
Hunter-Lab	24.8539, 30.7578, -31.2340

# Details

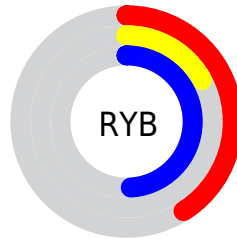
The Decimal color **6826878** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **4292139**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **10378675**, and **3473484** is the 20% darker color. If you saturate the color by 10%, you get **6626942**, and if you desaturate by 10%, it is **7026814**.

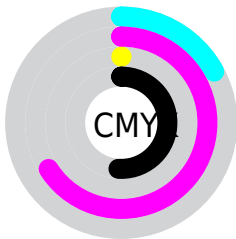
# Distribution



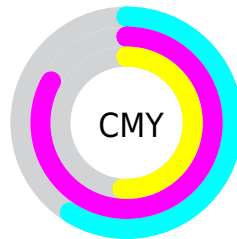
- Red (41%)
- Green (17%)
- Blue (49%)



- Red (41%)
- Yellow (17%)
- Blue (49%)



- Cyan (17%)
- Magenta (66%)
- Yellow (0%)
- Black (51%)



- Cyan (59%)
- Magenta (83%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6826878 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 6826878 by changing the saturation by 10% instead.



■ 6826878

■ 6826878

16777215

■ 5116261

■ 10378675

■ 3473484

■ 12154831

■ 2162741

■ 14062059

■ 543

■ 15969535

■ 2

■ 16763135

■ 0

■ 16770303

■ 6826878

■ 6826878

■ 6626942

■ 7026814

6361726

7292030

6161790

7491966

6094974

7691646

7957118

8157054

8356734

8622206

8821886

# Harmonies

## Analogous

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



410263



6826878



8916055

# Triad

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



6826878



6504192



22625

# Complementary

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



6826878



4292139

# 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.



22325



6826878



4082688

# Square

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



6826878



8333826



21507



22150

# Rectangle

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



6826878



9307195



21507



22611



# Sweetspot

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



6826878



10191779



2834814



4996690



13750737



5395026



# Same Dimension

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



6826878



8463011



8268651



4077888



6160512



0



# Inverse Universe

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



8268609



10691140



2850366



4208955



8388642

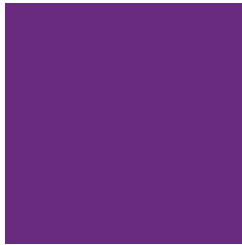


0



# Previews

## White Background



This preview shows how the Decimal color 6826878 looks on a white background.

## Color Contrast Check

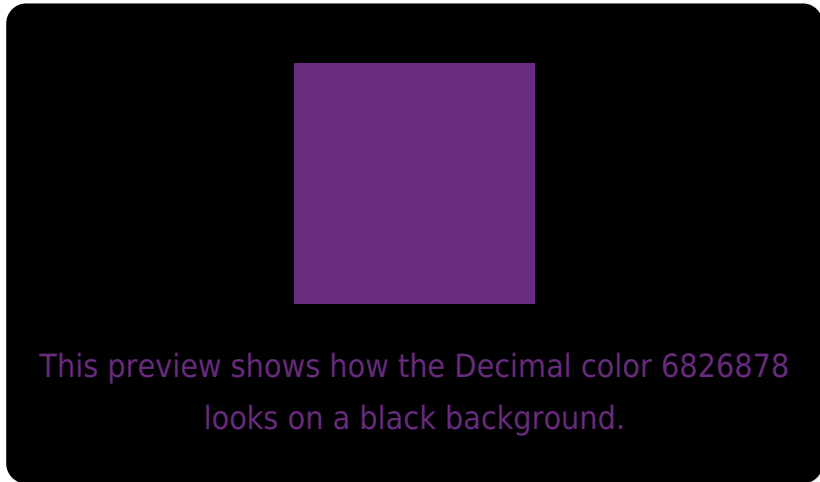
Large Text (above 18pt) WCAG AA ✓ Pass

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

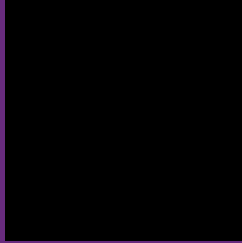
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6826878 Background



This preview shows how black text looks on a background with the Decimal color 6826878.




This preview shows how white text looks on a background with the Decimal color 6826878.

# 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**  
6241858

# Trichromacy



**Original Color**  
6826878

**Protanomaly**  
2505867

**Deuteranomaly**  
3947899

**Tritanomaly**  
6436696

# Monochromacy



**Original Color**  
6826878

**Achromatopsia**  
4671303

**Achromatomaly**  
5455195

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6826878 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 #682B7E looks like.

```
.text, #text, p{  
    color:#682B7E  
}
```

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 #682B7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682B7E
}
```

## Border

The CSS property to change the border of an element to Decimal 6826878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

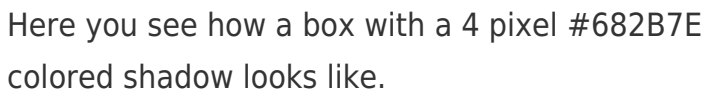
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682B7E }
```

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

```
.border{ border-color:#682B7E }
```

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



Here you see how a box with a 4 pixel #682B7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682B7E; -webkit-box-shadow:4px 4px  
4px 4px #682B7E; box-shadow:4px 4px 4px  
4px #682B7E }
```

# Background

The CSS property to change the background color of an element to Decimal 6826878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682B7E }
```

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

```
.background{ background-color:#682B7E }
```

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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