

Converting Colors

Decimal(6768226)

Have a look what the booklet for
Decimal(6768226) contains.

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Color

Decimal(6768226)

Conversions

Conversions Part 1

Format	Color
Hex	674662
RGB	103, 70, 98
RGB Percent	40%, 27%, 38%
CMY	0.5961, 0.7255, 0.6157
CMYK	0.00, 0.32, 0.05, 0.60
HSL	309°, 19%, 34%
HSV	309°, 32%, 40%
XYZ	9.9883, 8.1457, 12.6011
YIQ	83.0590, 10.6800, 15.7040

Conversions

Conversions Part 2

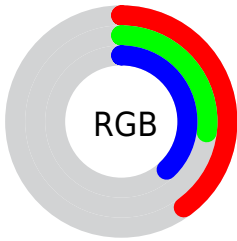
Format	Color
RYB	103, 70, 98
Decimal	6768226
CIELab	34.28, 19.21, -10.77
CIELCh	34, 22.019, 330.726
Yxy	8.1457, 0.3250, 0.2650
Android (android.graphics.Color)	4284958306 (0xFF674662)
YUV	83.0590, 7.3659, 17.4883
Hunter-Lab	28.5407, 12.5227, -6.1988

Details

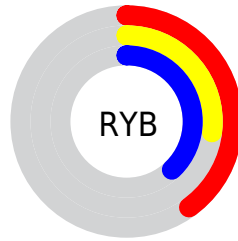
The Decimal color **6768226** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4613963**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **10188693**, and **3611188** is the 20% darker color. If you saturate the color by 10%, you get **6765664**, and if you desaturate by 10%, it is **6770788**.

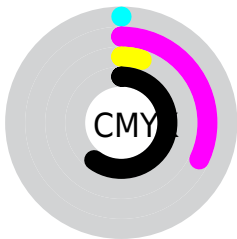
Distribution



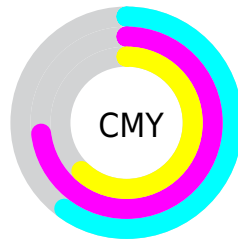
- Red (40%)
- Green (27%)
- Blue (38%)



- Red (40%)
- Yellow (27%)
- Blue (38%)



- Cyan (0%)
- Magenta (32%)
- Yellow (5%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6768226 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 6768226 by changing the saturation by 10% instead.

6768226

6768226

16777215

5189450

10188693

3611188

11964847

2228766

13741003

2

15648743

0

16770047

6768226

6768226

6765664

6770788

6762847

6773605

6760285

6776167

6757724

6778728

6755162

6781546

6752345

6784107

6750295

6786669

6789230

6792048

Harmonies

Analogous

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



5459055



6768226



7422801

Triad

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



6768226



6049837



416354

Complementary

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



6768226



4613963

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.



1923664



6768226



4805938

Square

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



6768226



6965811



3495999



1660783

Rectangle

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



6768226



7554117



3495999



744028

Sweetspot

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



6768226



8878725



4933223



4537668



12895428



4539717

Same Dimension

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



6768226



8868991



6768210



3354162



7536737



15859918

Inverse Universe

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



6768226



8868991



4613979



3354162



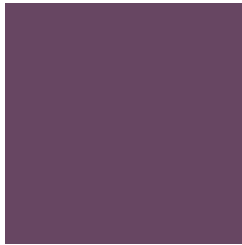
7536737



15859918

Previews

White Background



This preview shows how the Decimal color 6768226 looks on a white background.

Color Contrast Check

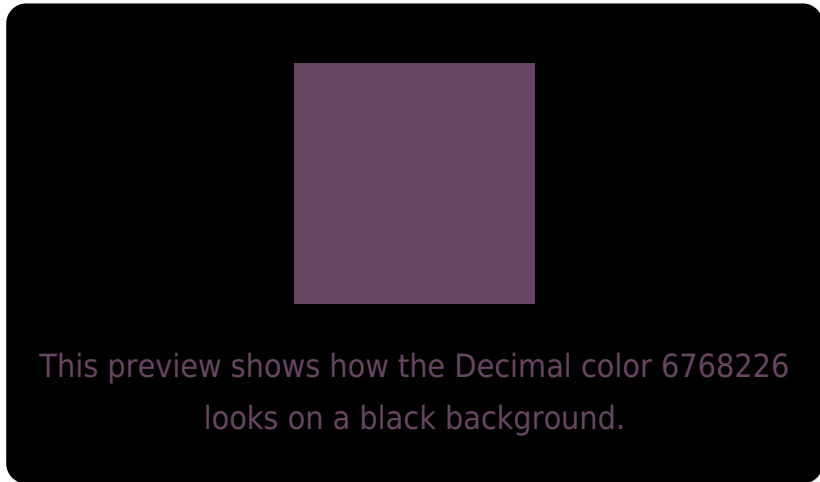
Large Text (above 18pt) WCAG AA ✓ Pass

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

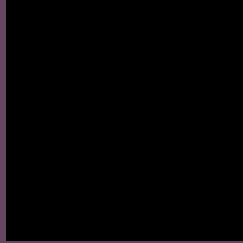
Any Text WCAG AA × Fail

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 6768226 Background



This preview shows how black text looks on a background with the Decimal color 6768226.

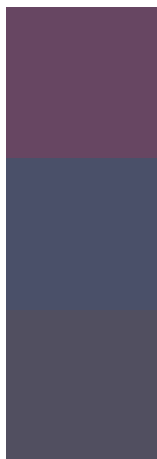


This preview shows how white text looks on a background with the Decimal color 6768226.

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



Original Color
6768226

Protanopia
4870249

Deuteranopia
5328736



Tritanopia
6638159

Trichromacy



Original Color
6768226

Protanomaly
5590118

Deuteranomaly
5852257

Tritanomaly
6703446

Monochromacy



Original Color
6768226

Achromatopsia
5460819

Achromatomaly
5918296

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6768226 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 #674662 looks like.

```
.text, #text, p{  
    color:#674662  
}
```

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 #674662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674662
}
```

Border

The CSS property to change the border of an element to Decimal 6768226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

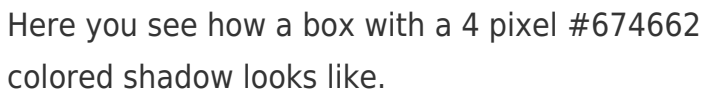
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674662 }
```

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

```
.border{ border-color:#674662 }
```

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



Here you see how a box with a 4 pixel #674662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674662; -webkit-box-shadow:4px 4px  
4px 4px #674662; box-shadow:4px 4px 4px  
4px #674662 }
```

Background

The CSS property to change the background color of an element to Decimal 6768226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674662 }
```

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

```
.background{ background-color:#674662 }
```

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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