

Converting Colors

Decimal(6768742)

Have a look what the booklet for
Decimal(6768742) contains.

Decimal(6768742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6768742)

Conversions

Conversions Part 1

Format	Color
Hex	674866
RGB	103, 72, 102
RGB Percent	40%, 28%, 40%
CMY	0.5961, 0.7176, 0.6000
CMYK	0.00, 0.30, 0.01, 0.60
HSL	302°, 18%, 34%
HSV	302°, 30%, 40%
XYZ	10.3092, 8.4776, 13.6634
YIQ	84.6890, 8.8460, 15.9020

Conversions

Conversions Part 2

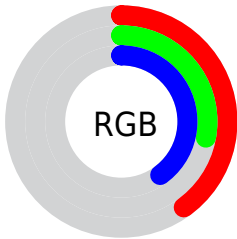
Format	Color
R_{YB}	103, 72, 102
Decimal	6768742
CIE _{Lab}	34.96, 18.80, -12.27
CIE _{LCh}	35, 22.452, 326.872
Yxy	8.4776, 0.3177, 0.2613
Android (android.graphics.Color)	4284958822 (0xFF674866)
YUV	84.6890, 8.5343, 16.0587
Hunter-Lab	29.1163, 12.2476, -7.4415

Details

The Decimal color **6768742** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4745033**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **10189209**, and **3611447** is the 20% darker color. If you saturate the color by 10%, you get **6766182**, and if you desaturate by 10%, it is **6771302**.

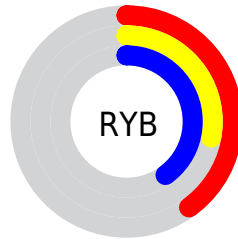
Distribution



Red (40%)

Green (28%)

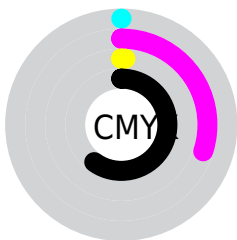
Blue (40%)



Red (40%)

Yellow (28%)

Blue (40%)

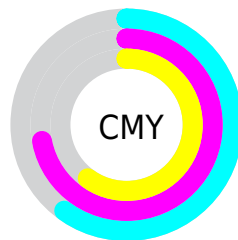


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (60%)



Cyan (60%)

Magenta (72%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6768742 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 6768742 by changing the saturation by 10% instead.

6768742

6768742

16777215

5189966

10189209

3611447

11965364

2229282

13741775

9

15649260

0

16770559

6768742

6768742

6766182

6771302

6763365

6774119

6760805

6776679

6758245

6779239

6755684

6782056

6752868

6784616

6750308

6787176

6789737

6792553

Harmonies

Analogous

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



5394034



6768742



7554133

Triad

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



6768742



6311982



416610

Complementary

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



6768742



4745033

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.



2120784



6768742



5068338

Square

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



6768742



7227957



3693118



1333616

Rectangle

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



6768742



7685449



3693118



941148

Sweetspot

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



6768742



8878983



4802663



4537669



12895428



4539717

Same Dimension

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



6768742



8869510



6768727



3354163



7536751



15859946

Inverse Universe

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



6768742



8869510



4745048



3354163



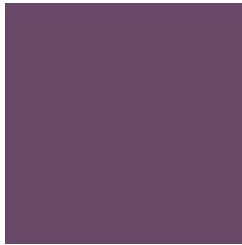
7536751



15859946

Previews

White Background



This preview shows how the Decimal color 6768742 looks on a white background.

Color Contrast Check

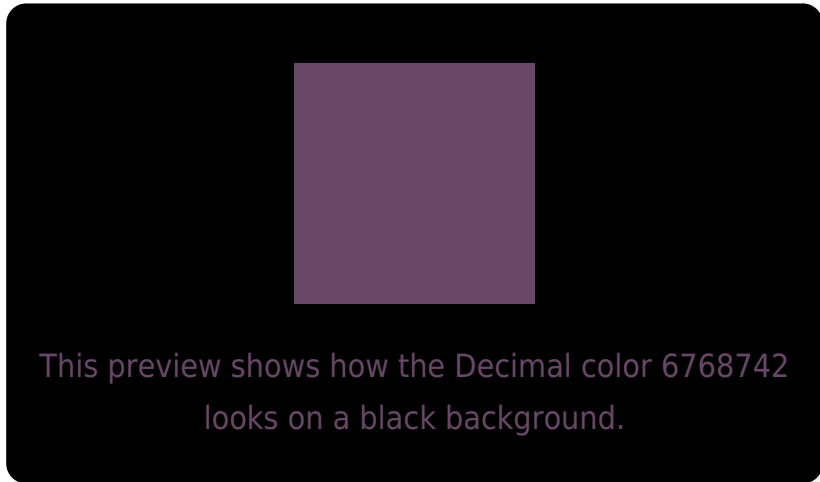
Large Text (above 18pt) WCAG AA ✓ Pass

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

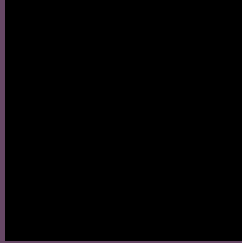
Any Text WCAG AA × Fail

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 6768742 Background



This preview shows how black text looks on a background with the Decimal color 6768742.



This preview shows how white text looks on a background with the Decimal color 6768742.

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
6768742

Protanopia
4936301

Deuteranopia
5394788



Tritanopia
6573138

Trichromacy



Original Color
6768742

Protanomaly
5590634

Deuteranomaly
5918309

Tritanomaly
6638425

Monochromacy



Original Color
6768742

Achromatopsia
5592405

Achromatomaly
6049883

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6768742 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 #674866 looks like.

```
.text, #text, p{  
    color:#674866  
}
```

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 #674866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674866
}
```

Border

The CSS property to change the border of an element to Decimal 6768742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

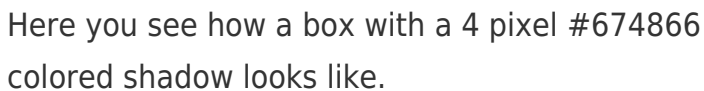
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674866 }
```

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

```
.border{ border-color:#674866 }
```

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



Here you see how a box with a 4 pixel #674866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674866; -webkit-box-shadow:4px 4px  
4px 4px #674866; box-shadow:4px 4px 4px  
4px #674866 }
```

Background

The CSS property to change the background color of an element to Decimal 6768742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674866 }
```

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

```
.background{ background-color:#674866 }
```

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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