

Converting Colors

Decimal(6766688)

Have a look what the booklet for
Decimal(6766688) contains.

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Color

Decimal(6766688)

Conversions

Conversions Part 1

Format	Color
Hex	674060
RGB	103, 64, 96
RGB Percent	40%, 25%, 38%
CMY	0.5961, 0.7490, 0.6235
CMYK	0.00, 0.38, 0.07, 0.60
HSL	311°, 23%, 33%
HSV	311°, 38%, 40%
XYZ	9.5382, 7.3949, 11.9910
YIQ	79.3090, 12.9720, 18.2200

Conversions

Conversions Part 2

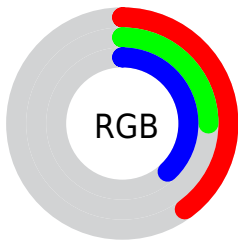
Format	Color
R_{YB}	103, 64, 96
Decimal	6766688
CIE _{Lab}	32.69, 22.48, -11.92
CIE _{LCh}	33, 25.447, 332.073
Yxy	7.3949, 0.3298, 0.2557
Android (android.graphics.Color)	4284956768 (0xFF674060)
YUV	79.3090, 8.2287, 20.7770
Hunter-Lab	27.1935, 15.0209, -7.1084

Details

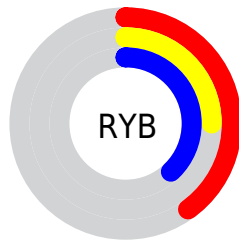
The Decimal color **6766688** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4220743**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **10187155**, and **3609394** is the 20% darker color. If you saturate the color by 10%, you get **6764126**, and if you desaturate by 10%, it is **6769250**.

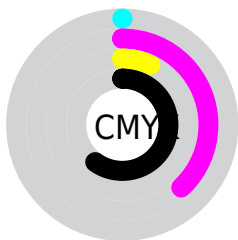
Distribution



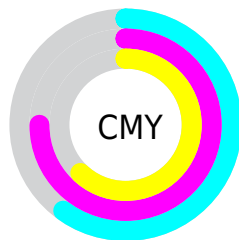
- Red (40%)
- Green (25%)
- Blue (38%)



- Red (40%)
- Yellow (25%)
- Blue (38%)



- Cyan (0%)
- Magenta (38%)
- Yellow (7%)
- Black (60%)



- Cyan (60%)
- Magenta (75%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6766688 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 6766688 by changing the saturation by 10% instead.



6766688



6766688

16777215



5122376



10187155



3609394



11963053



2293789



13805001



0



15646949



16768255



16775679



6766688



6766688



6764126



6769250

6761308

6772068

6758746

6774630

6756185

6777191

6753623

6780009

6750805

6782571

6750293

6785133

6787695

6790513

Harmonies

Analogous

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



5326703



6766688



7486796

Triad

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



676688



578660



22370

Complementary

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



6766688



4220743

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.



22350



676688



4411946

Square

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



6766688



6833450



2774585



21616

Rectangle

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



6766688



7552319



2774585



22363

Sweetspot

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



6766688



8878212



4604007



4537411



12895428



4539717

Same Dimension

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



6766688



8866428



6766669



3354162



7536734



15859911

Inverse Universe

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



6766688



8866428



4220762



3354162



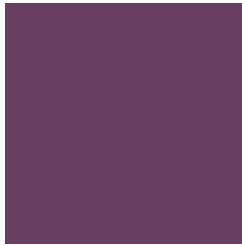
7536734



15859911

Previews

White Background



This preview shows how the Decimal color 6766688 looks on a white background.

Color Contrast Check

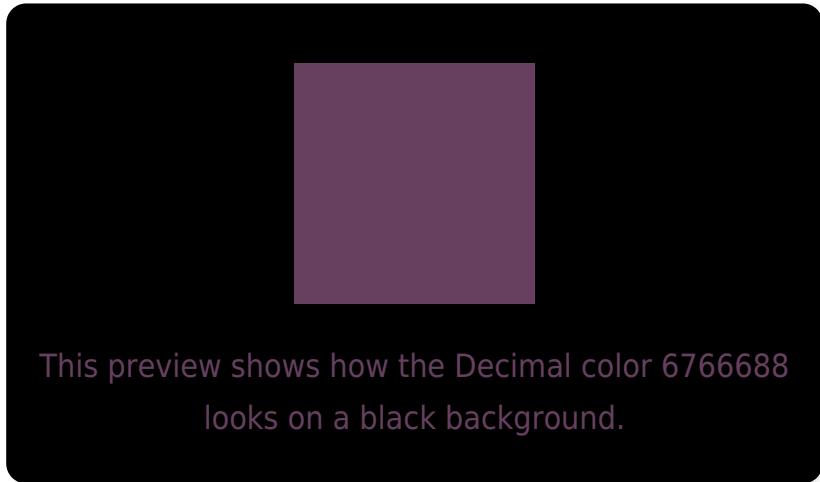
Large Text (above 18pt) WCAG AA ✓ Pass

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

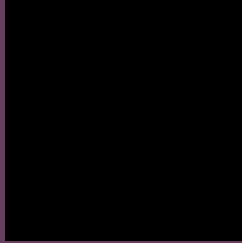
Any Text WCAG AA × Fail

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 6766688 Background



This preview shows how black text looks on a background with the Decimal color 6766688.

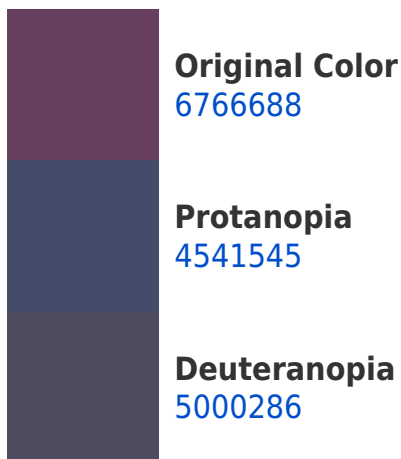


This preview shows how white text looks on a background with the Decimal color 6766688.

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
6571082

Trichromacy



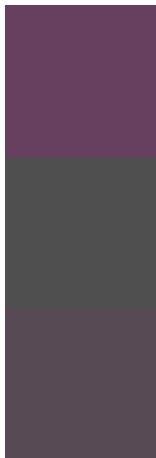
Original Color
6766688

Protanomaly
5326950

Deuteranomaly
5654623

Tritanomaly
6636370

Monochromacy



Original Color
6766688

Achromatopsia
5197647

Achromatomaly
5786197

CSS Examples

Text

The CSS property to change the color of the text to Decimal 676688 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 #674060 looks like.

```
.text, #text, p{  
  color:#674060  
}
```

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 #674060 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674060
}
```

Border

The CSS property to change the border of an element to Decimal 6766688 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".

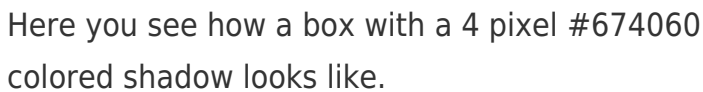
```
.border, #border, table{ border:4px solid
#674060 }
```

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

```
.border{ border-color:#674060 }
```

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

Here you see how a box with a 4 pixel #674060 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674060; -webkit-box-shadow:4px 4px  
4px 4px #674060; box-shadow:4px 4px 4px  
4px #674060 }
```

Background

The CSS property to change the background color of an element to Decimal 6766688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674060 }
```

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

```
.background{ background-color:#674060 }
```

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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