

Converting Colors

Decimal(6833764)

Have a look what the booklet for
Decimal(6833764) contains.

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Color

Decimal(6833764)

Conversions

Conversions Part 1

Format	Color
Hex	684664
RGB	104, 70, 100
RGB Percent	41%, 27%, 39%
CMY	0.5922, 0.7255, 0.6078
CMYK	0.00, 0.33, 0.04, 0.59
HSL	307°, 20%, 34%
HSV	307°, 33%, 41%
XYZ	10.1993, 8.2435, 13.1102
YIQ	83.5860, 10.6340, 16.5380

Conversions

Conversions Part 2

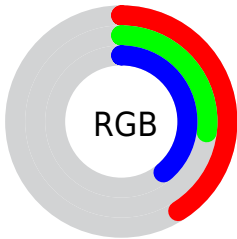
Format	Color
R_{YB}	104, 70, 100
Decimal	6833764
CIE _{Lab}	34.48, 19.99, -11.72
CIE _{LCh}	34, 23.174, 329.628
Yxy	8.2435, 0.3232, 0.2613
Android (android.graphics.Color)	4285023844 (0xFF684664)
YUV	83.5860, 8.0921, 17.9031
Hunter-Lab	28.7115, 13.1645, -6.9749

Details

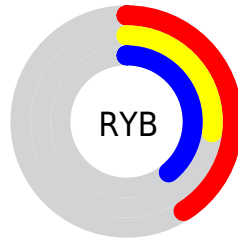
The Decimal color **6833764** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4614218**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **10254231**, and **3676469** is the 20% darker color. If you saturate the color by 10%, you get **6831203**, and if you desaturate by 10%, it is **6836325**.

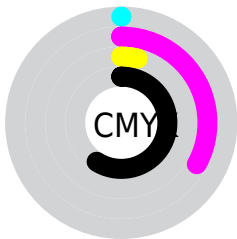
Distribution



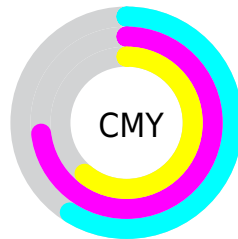
- Red (41%)
- Green (27%)
- Blue (39%)



- Red (41%)
- Yellow (27%)
- Blue (39%)



- Cyan (0%)
- Magenta (33%)
- Yellow (4%)
- Black (59%)



- Cyan (59%)
- Magenta (73%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6833764 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 6833764 by changing the saturation by 10% instead.

6833764

6833764

16777215

5189452

10254231

3676469

12030386

2294304

13872077

5

15714281

0

16770047

6833764

6833764

6831203

6836325

6828386

6839142

6825824

6841704

6823007

6844521

6820446

6847082

6817885

6849643

6815836

6852461

6855022

6857839

Harmonies

Analogous

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



5459057



6833764



7553874

Triad

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



6833764



6115372



23139

Complementary

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



6833764



4614218

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.



1661776



6833764



4871472

Square

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



6833764



7096626



3430718



1071216

Rectangle

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



6833764



7684934



3430718



88925

Sweetspot

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



6833764



8878726



4867688



4537668



12895428



4539717

Same Dimension

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



6833764



8868481



6833747



3354162



7536741



15859926

Inverse Universe

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



6833764



8868481



4614235



3354162



7536741



15859926

Previews

White Background



This preview shows how the Decimal color 6833764 looks on a white background.

Color Contrast Check

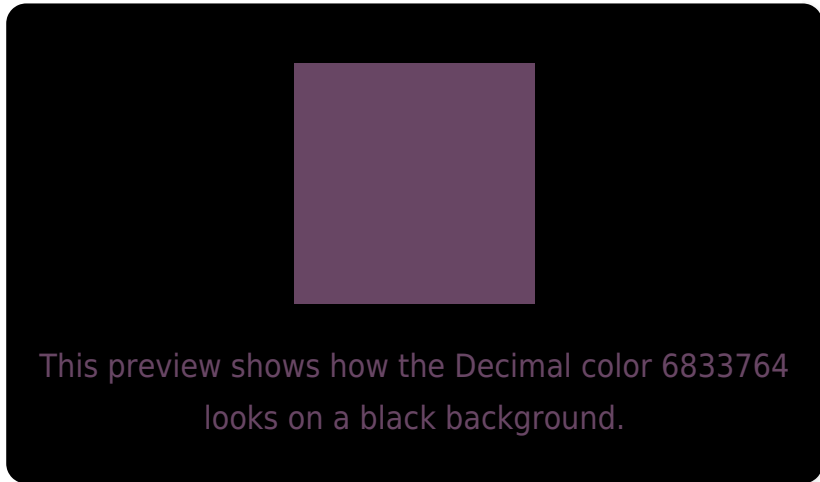
Large Text (above 18pt) WCAG AA ✓ Pass

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

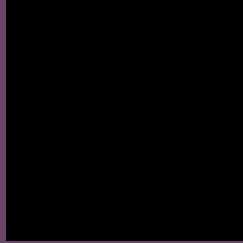
Any Text WCAG AA × Fail

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 6833764 Background



This preview shows how black text looks on a background with the Decimal color 6833764.

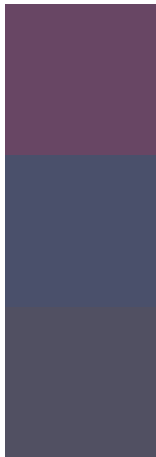


This preview shows how white text looks on a background with the Decimal color 6833764.

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
6833764

Protanopia
4870251

Deuteranopia
5328994



Tritanopia
6638160

Trichromacy



Original Color
6833764

Protanomaly
5590120

Deuteranomaly
5852259

Tritanomaly
6703447

Monochromacy



Original Color
6833764

Achromatopsia
5526612

Achromatomaly
5984090

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6833764 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 #684664 looks like.

```
.text, #text, p{  
    color:#684664  
}
```

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 #684664 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684664
}
```

Border

The CSS property to change the border of an element to Decimal 6833764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

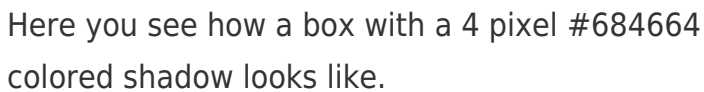
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684664 }
```

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

```
.border{ border-color:#684664 }
```

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



Here you see how a box with a 4 pixel #684664 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684664; -webkit-box-shadow:4px 4px  
4px 4px #684664; box-shadow:4px 4px 4px  
4px #684664 }
```

Background

The CSS property to change the background color of an element to Decimal 6833764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684664 }
```

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

```
.background{ background-color:#684664 }
```

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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