

# Converting Colors

Decimal(6843248)

Have a look what the booklet for  
Decimal(6843248) contains.

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# Color

**Decimal(6843248)**

# Conversions

Conversions Part 1	
Format	Color
Hex	686B70
RGB	104, 107, 112
RGB Percent	41%, 42%, 44%
CMY	0.5922, 0.5804, 0.5608
CMYK	0.07, 0.04, 0.00, 0.56
HSL	217°, 4%, 42%
HSV	217°, 7%, 44%
XYZ	13.8912, 14.6283, 17.4206
YIQ	106.6730, -3.3930, 0.9190

# Conversions

## Conversions Part 2

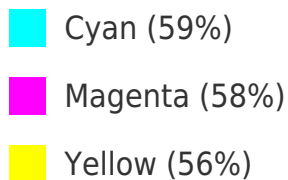
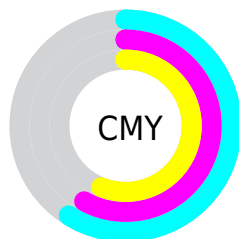
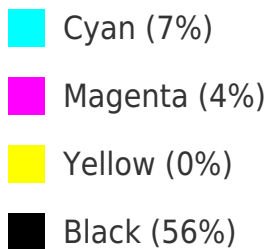
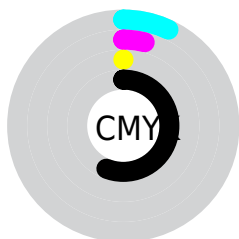
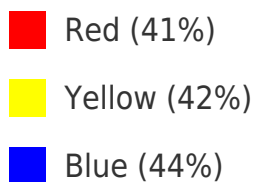
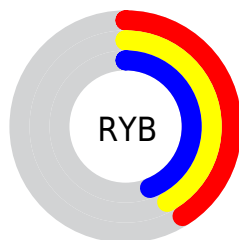
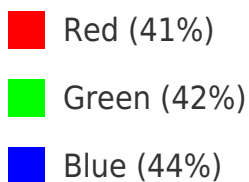
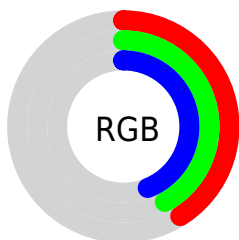
Format	Color
<a href="#">RYB</a>	<a href="#">104, 106, 112</a>
Decimal	<a href="#">6843248</a>
CIELab	<a href="#">45.12, -0.08, -3.19</a>
CIELCh	<a href="#">45, 3.196, 268.582</a>
Yxy	<a href="#">14.6283, 0.3024, 0.3184</a>
Android (android.graphics.Color)	<a href="#">4285033328</a> (0xFF686B70)
YUV	<a href="#">106.6730, 2.6262, -2.3442</a>
Hunter-Lab	<a href="#">38.2470, -2.1012, -0.2324</a>

# Details

The Decimal color **6843248** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7368040**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **10198692**, and **3750976** is the 20% darker color. If you saturate the color by 10%, you get **6120560**, and if you desaturate by 10%, it is **7565936**.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the Decimal color 6843248 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 6843248 by changing the saturation by 10% instead.



 6843248

 6843248

16777215

 5264216

 10198692

 3750976

 11975103

 2303530

 13817307

 921878

 15659511

 0

 6843248

 6843248

 6120560

 7565936

 5397872


 8288624

 4609648

 9076848

 3886960

 9799536

 3164272

 10522224

 2441584

 11244912

 1718896

 11967600

 930672

 12755824

 207984

 13478512

# Harmonies

## Analogous

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



6646895



6843248



7039599

# Triad

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



6843248



7432552



6777960

# Complementary

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



6843248



7368040

# 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.



6974310



6843248



7367270

# Square

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



6843248



7367019



7170917



6646891

# Rectangle

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



6843248



7170670



7170917



6843495



# Sweetspot

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



6843248



9343121



6844525



4737354



13224393



4868682



# Same Dimension

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



6843248



8685969



6908016



3290424



11640



24055



# Inverse Universe

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



7366763



9536649



7303272



3682869



7864365



16187485



# Previews

## White Background



This preview shows how the Decimal color 6843248 looks on a white background.

## Color Contrast Check

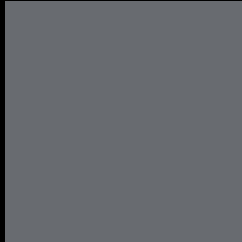
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6843248 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

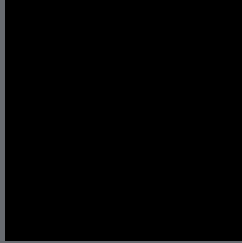
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

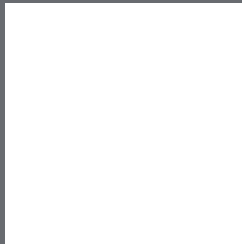
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6843248 Background



This preview shows how black text looks on a background with the Decimal color 6843248.



This preview shows how white text looks on a background with the Decimal color 6843248.

# 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**


6843248

**Protanopia**

7039599

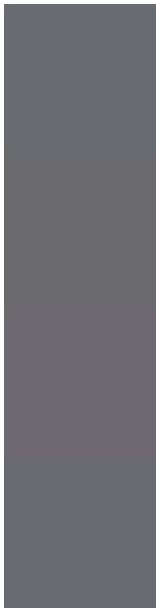
**Deuteranopia**

7497841



**Tritanopia**  
6843251

# Trichromacy



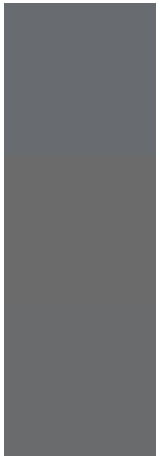
**Original Color**  
6843248

**Protanomaly**  
6974063

**Deuteranomaly**  
7235953

**Tritanomaly**  
6843250

# Monochromacy



**Original Color**  
6843248

**Achromatopsia**  
7039851

**Achromatomaly**  
6974317

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6843248 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 #686B70 looks like.

```
.text, #text, p{  
    color:#686B70  
}
```

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 #686B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686B70
}
```

## Border

The CSS property to change the border of an element to Decimal 6843248 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
#686B70 }
```

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

```
.border{ border-color:#686B70 }
```

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

Here you see how a box with a 4 pixel #686B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686B70; -webkit-box-shadow:4px 4px  
4px 4px #686B70; box-shadow:4px 4px 4px  
4px #686B70 }
```

# Background

The CSS property to change the background color of an element to Decimal 6843248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686B70 }
```

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

```
.background{ background-color:#686B70 }
```

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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