

# Converting Colors

Decimal(6841992)

Have a look what the booklet for  
Decimal(6841992) contains.

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# Color

**Decimal(6841992)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	686688
RGB	104, 102, 136
RGB Percent	41%, 40%, 53%
CMY	0.5922, 0.6000, 0.4667
CMYK	0.24, 0.25, 0.00, 0.47
HSL	244°, 14%, 47%
HSV	244°, 25%, 53%
XYZ	14.9042, 14.2234, 25.2524
YIQ	106.4740, -9.7220, 10.9980

# Conversions

## Conversions Part 2

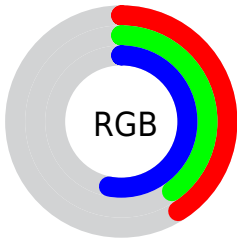
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 102, 136
Decimal	6841992
CIELab	44.55, 8.63, -18.48
CIELCh	45, 20.394, 295.025
Yxy	14.2234, 0.2741, 0.2616
Android (android.graphics.Color)	4285032072 (0xFF686688)
YUV	106.4740, 14.5563, -2.1697
Hunter-Lab	37.7139, 4.5425, -13.2996

# Details

The Decimal color **6841992** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8816742**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **10262973**, and **3684182** is the 20% darker color. If you saturate the color by 10%, you get **5986440**, and if you desaturate by 10%, it is **7697544**.

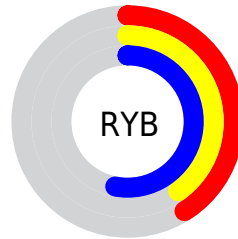
# Distribution



Red (41%)

Green (40%)

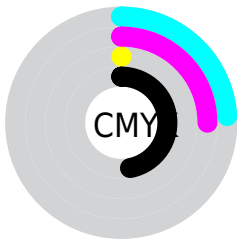
Blue (53%)



Red (41%)

Yellow (40%)

Blue (53%)

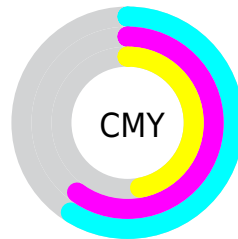


Cyan (24%)

Magenta (25%)

Yellow (0%)

Black (47%)



Cyan (59%)

Magenta (60%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6841992 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 6841992 by changing the saturation by 10% instead.





6841992



6841992

16777215



5197423



10262973



3684182



12039385



2171455



13881334



855081



15723519



275



0



6841992



6841992



5986440



7697544



5131144



8552840

■ 4341128

■ 9342856

■ 3485832

■ 10198152

■ 2630280

■ 11053704

■ 1774728

■ 11909256

■ 919432

■ 12764552

■ 524424

■ 13554568

■ 14409864

# Harmonies

## Analogous

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



5205131



6841992



8151165

# Triad

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



6841992



8741454



4223846

# Complementary

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



6841992



8816742

# 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.



5468501



6841992



7890760

# Square

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



6841992



9133660



6778186



3437431

# Rectangle

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



6841992



8806003



6778186



4616800



# Sweetspot

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



6841992



10724016



6719112



5328985



14277081



5855577



# Same Dimension

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



6841992



8289200



7956104



4079173



524421



5



# Inverse Universe

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



8939142



11565997



7702630



4537924



8716413



327685



# Previews

## White Background



This preview shows how the Decimal color 6841992 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 6841992 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

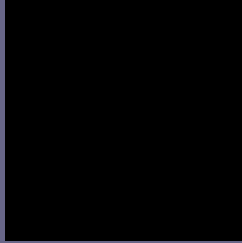
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 6841992 Background



This preview shows how black text looks on a background with the Decimal color 6841992.



This preview shows how white text looks on a background with the Decimal color 6841992.

# 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**  
6841992

**Protanopia**  
6318218

**Deuteranopia**  
6514568



**Tritanopia**  
6580850

# Trichromacy



**Original Color**  
6841992

**Protanomaly**  
6514569

**Deuteranomaly**  
6645640

**Tritanomaly**  
6646138

# Monochromacy



**Original Color**  
6841992

**Achromatopsia**  
6974058

**Achromatomaly**  
6908277

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6841992 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 #686688 looks like.

```
.text, #text, p{  
    color:#686688  
}
```

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 #686688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686688
}
```

## Border

The CSS property to change the border of an element to Decimal 6841992 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
#686688 }
```

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

```
.border{ border-color:#686688 }
```

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

Here you see how a box with a 4 pixel #686688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686688; -webkit-box-shadow:4px 4px  
4px 4px #686688; box-shadow:4px 4px 4px  
4px #686688 }
```

# Background

The CSS property to change the background color of an element to Decimal 6841992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686688 }
```

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

```
.background{ background-color:#686688 }
```

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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