

Converting Colors

Decimal(6840422)

Have a look what the booklet for
Decimal(6840422) contains.

Decimal(6840422)	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(6840422)

Conversions

Conversions Part 1

Format	Color
Hex	686066
RGB	104, 96, 102
RGB Percent	41%, 38%, 40%
CMY	0.5922, 0.6235, 0.6000
CMYK	0.00, 0.08, 0.02, 0.59
HSL	315°, 4%, 39%
HSV	315°, 8%, 41%
XYZ	12.2901, 12.2681, 14.2906
YIQ	99.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

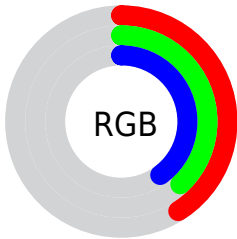
Format	Color
RYB	104, 96, 102
Decimal	6840422
CIELab	41.64, 4.39, -2.26
CIELCh	42, 4.941, 332.766
Yxy	12.2681, 0.3164, 0.3158
Android (android.graphics.Color)	4285030502 (0xFF686066)
YUV	99.0760, 1.4415, 4.3183
Hunter-Lab	35.0259, 1.3378, 0.3277

Details

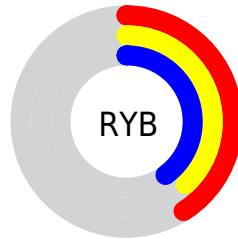
The Decimal color **6840422** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6318178**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **10195609**, and **3748407** is the 20% darker color. If you saturate the color by 10%, you get **6837859**, and if you desaturate by 10%, it is **6842985**.

Distribution



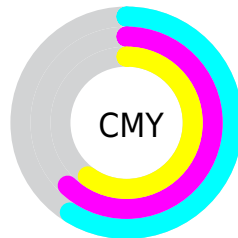
- Red (41%)
- Green (38%)
- Blue (40%)



- Red (41%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (59%)



- Cyan (59%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6840422 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 6840422 by changing the saturation by 10% instead.



6840422



6840422

16777215



5261390



10195609



3748407



11972020



2301218



13813967



918284



15656171



0



6840422



6840422



6837859



6842985



6835041



6845803



6832478



6848366

■ 6829660

■ 6851184

■ 6827097

■ 6853747

■ 6824534

■ 6856310

■ 6821716

■ 6859128

■ 6819153

■ 6861691

■ 6816335

■ 6864509

Harmonies

Analogous

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



6578537



6840422



7037026

Triad

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



6840422



6644314



5792870

Complementary

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



6840422



6318178

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.



5858658



6840422



6382427

Square

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



6840422



6906203



6055006



5923945

Rectangle

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



6840422



7037023



6055006



5793125

Sweetspot

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



6840422



8881286



6447208



4539205



12895428



4539717

Same Dimension

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



6840422



8878980



6840418



3354162



7536726



15859894

Inverse Universe

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



6840422



8878980



6318182



3354162



7536726



15859894

Previews

White Background



This preview shows how the Decimal color 6840422 looks on a white background.

Color Contrast Check

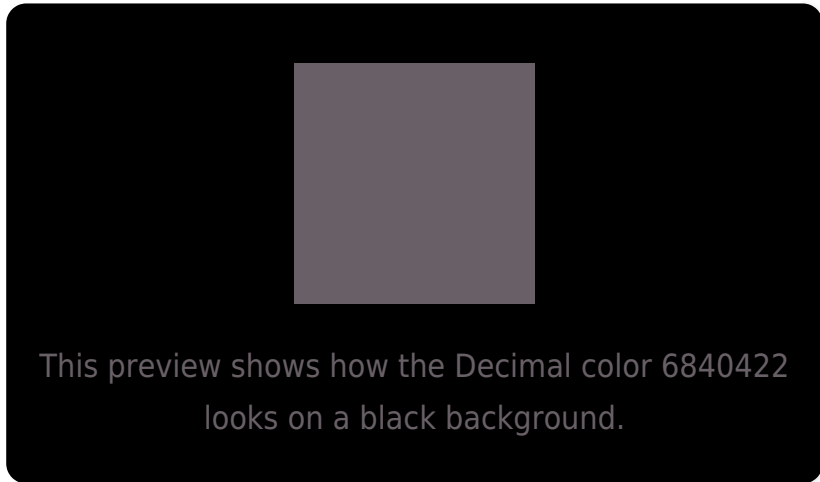
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

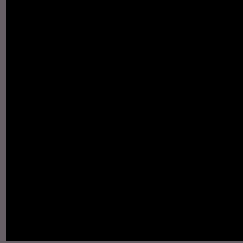
Any Text WCAG AA × Fail

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 6840422 Background



This preview shows how black text looks on a background with the Decimal color 6840422.



This preview shows how white text looks on a background with the Decimal color 6840422.

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
6840422

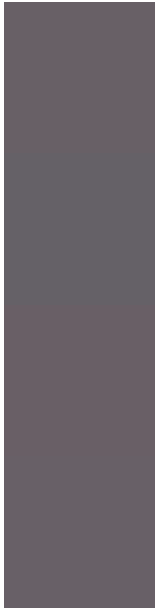
Protanopia
6513255

Deuteranopia
6971238



Tritanopia
6840423

Trichromacy



Original Color

6840422

Protanomaly

6644071

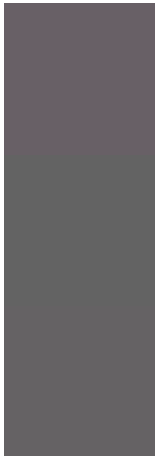
Deuteranomaly

6905702

Tritanomaly

6840423

Monochromacy



Original Color

6840422

Achromatopsia

6513507

Achromatomaly

6644324

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6840422 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 #686066 looks like.

```
.text, #text, p{  
    color:#686066  
}
```

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 #686066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686066
}
```

Border

The CSS property to change the border of an element to Decimal 6840422 is called "border". The border property can be set on classes, ids or directly on the HTML element.

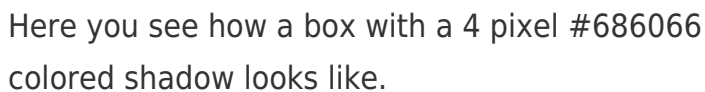
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686066 }
```

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

```
.border{ border-color:#686066 }
```

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



Here you see how a box with a 4 pixel #686066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686066; -webkit-box-shadow:4px 4px  
4px 4px #686066; box-shadow:4px 4px 4px  
4px #686066 }
```

Background

The CSS property to change the background color of an element to Decimal 6840422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686066 }
```

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

```
.background{ background-color:#686066 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor