

Converting Colors

Decimal(6844022)

Have a look what the booklet for
Decimal(6844022) contains.

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Color

Decimal(6844022)

Conversions

Conversions Part 1

Format	Color
Hex	686E76
RGB	104, 110, 118
RGB Percent	41%, 43%, 46%
CMY	0.5922, 0.5686, 0.5373
CMYK	0.12, 0.07, 0.00, 0.54
HSL	214°, 6%, 44%
HSV	214°, 12%, 46%
XYZ	14.5549, 15.4029, 19.3455
YIQ	109.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

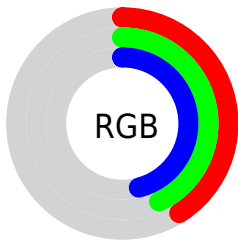
Format	Color
R_{YB}	104, 108, 118
Decimal	6844022
CIE _{Lab}	46.18, -0.52, -5.23
CIE _{LCh}	46, 5.252, 264.311
Yxy	15.4029, 0.2952, 0.3124
Android (android.graphics.Color)	4285034102 (0xFF686E76)
YUV	109.1180, 4.3788, -4.4885
Hunter-Lab	39.2466, -2.4835, -1.7527

Details

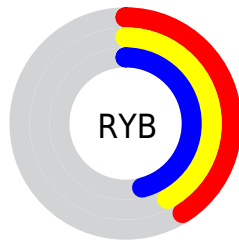
The Decimal color **6844022** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7762024**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **10199722**, and **3751750** is the 20% darker color. If you saturate the color by 10%, you get **6055798**, and if you desaturate by 10%, it is **7632246**.

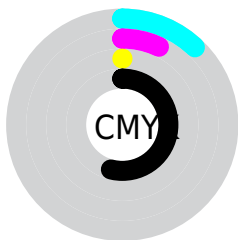
Distribution



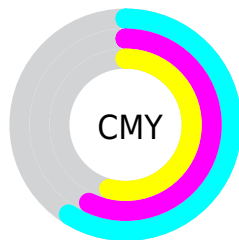
- Red (41%)
- Green (43%)
- Blue (46%)



- Red (41%)
- Yellow (42%)
- Blue (46%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (54%)



- Cyan (59%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6844022 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 6844022 by changing the saturation by 10% instead.



6844022



6844022

16777215



5264989



10199722



3751750



11976133



2304303



13818081



922651



15660542



0



6844022



6844022



6055798



7632246



5267830



8420214



4545142



9142902

■ 3756918

■ 9931126

■ 2968694

■ 10719350

■ 2180726

■ 11507318

■ 1392502

■ 12295542

■ 669814

■ 13018230

■ 13174

■ 13806454

Harmonies

Analogous

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



6582132



6844022



7171445

Triad

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



6844022



7826282



6844264

Complementary

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



6844022



7762024

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.



7171685



6844022



7760742

Square

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



6844022



7760750



7499109



6582380

Rectangle

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



6844022



7433332



7499109



6975335

Sweetspot

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



6844022



9672345



6846064



4803149



13421772



5066061

Same Dimension

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



6844022



8687001



6908022



3487547



13434



27642

Inverse Universe

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



7759982



10060941



7698024



3880247



7995444



16384107

Previews

White Background



This preview shows how the Decimal color 6844022 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 6844022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

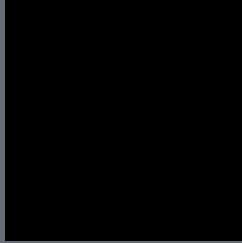
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

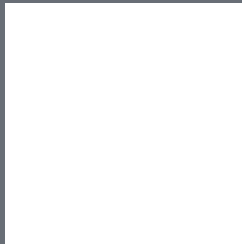
Any Text WCAG AAA × Fail

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

Decimal 6844022 Background



This preview shows how black text looks on a background with the Decimal color 6844022.

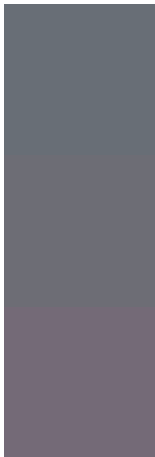


This preview shows how white text looks on a background with the Decimal color 6844022.

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
6844022

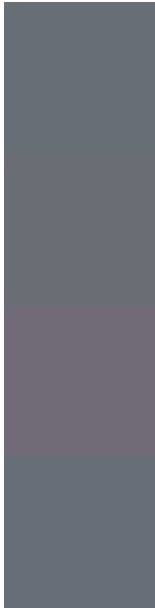
Protanopia
7171445

Deuteranopia
7629431



Tritanopia
6844023

Trichromacy



Original Color

6844022

Protanomaly

7040373

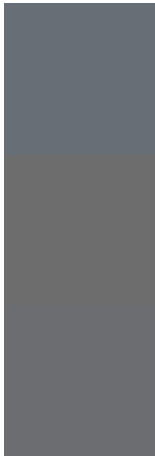
Deuteranomaly

7367543

Tritanomaly

6844023

Monochromacy



Original Color

6844022

Achromatopsia

7171437

Achromatomaly

7040368

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6844022 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 #686E76 looks like.

```
.text, #text, p{  
    color:#686E76  
}
```

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 #686E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686E76
}
```

Border

The CSS property to change the border of an element to Decimal 6844022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

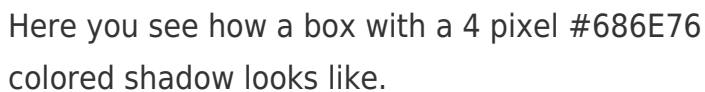
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686E76 }
```

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

```
.border{ border-color:#686E76 }
```

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



Here you see how a box with a 4 pixel #686E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686E76; -webkit-box-shadow:4px 4px  
4px 4px #686E76; box-shadow:4px 4px 4px  
4px #686E76 }
```

Background

The CSS property to change the background color of an element to Decimal 6844022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686E76 }
```

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

```
.background{ background-color:#686E76 }
```

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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