

Converting Colors

Decimal(6831960)

Have a look what the booklet for
Decimal(6831960) contains.

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Color

Decimal(6831960)

Conversions

Conversions Part 1

Format	Color
Hex	683F58
RGB	104, 63, 88
RGB Percent	41%, 25%, 35%
CMY	0.5922, 0.7529, 0.6549
CMYK	0.00, 0.39, 0.15, 0.59
HSL	323°, 25%, 33%
HSV	323°, 39%, 41%
XYZ	9.2479, 7.2027, 10.1354
YIQ	78.1090, 16.4110, 16.4670

Conversions

Conversions Part 2

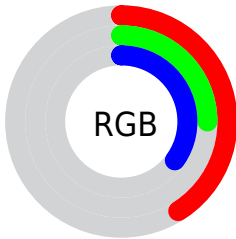
Format	Color
R_{YB}	104, 63, 88
Decimal	6831960
CIE _{Lab}	32.26, 21.94, -7.43
CIE _{LCh}	32, 23.159, 341.295
Yxy	7.2027, 0.3478, 0.2709
Android (android.graphics.Color)	4285022040 (0xFF683F58)
YUV	78.1090, 4.8763, 22.7064
Hunter-Lab	26.8378, 14.5423, -3.6046

Details

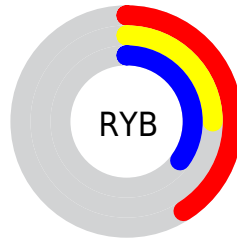
The Decimal color **6831960** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4155471**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **10252170**, and **3674667** is the 20% darker color. If you saturate the color by 10%, you get **6829396**, and if you desaturate by 10%, it is **6834524**.

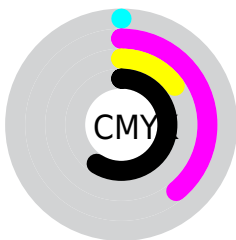
Distribution



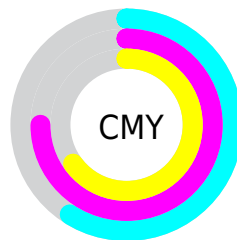
- Red (41%)
- Green (25%)
- Blue (35%)



- Red (41%)
- Yellow (25%)
- Blue (35%)



- Cyan (0%)
- Magenta (39%)
- Yellow (15%)
- Black (59%)



- Cyan (59%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6831960 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 6831960 by changing the saturation by 10% instead.

6831960

6831960

16777215

5187649

10252170

3674667

12028324

2359318

13870271

0

15777755

16767992

16775167

6831960

6831960

6829396

6834524

6826576

6837344

6824012

6839908

6821192

6842728

6818628

6845292

6816064

6847856

6815807

6850676

6853240

6856061

Harmonies

Analogous

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



5719399



6831960



7290182

Triad

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



6831960



5328167



21603

Complementary

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



6831960



4155471

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.



87634



6831960



4018736

Square

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



6831960



6375209



2446656



1593710

Rectangle

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



6831960



7225146



2446656



21854

Sweetspot

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



6831960



8877953



5193576



4537153



12895428



4539717

Same Dimension

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



6831960



8865902



6831940



3354161



7536710



15859860

Inverse Universe

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



6831960



8865902



4155491



3354161



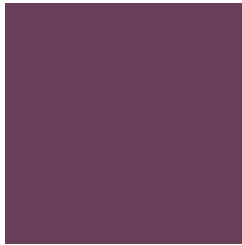
7536710



15859860

Previews

White Background



This preview shows how the Decimal color 6831960 looks on a white background.

Color Contrast Check

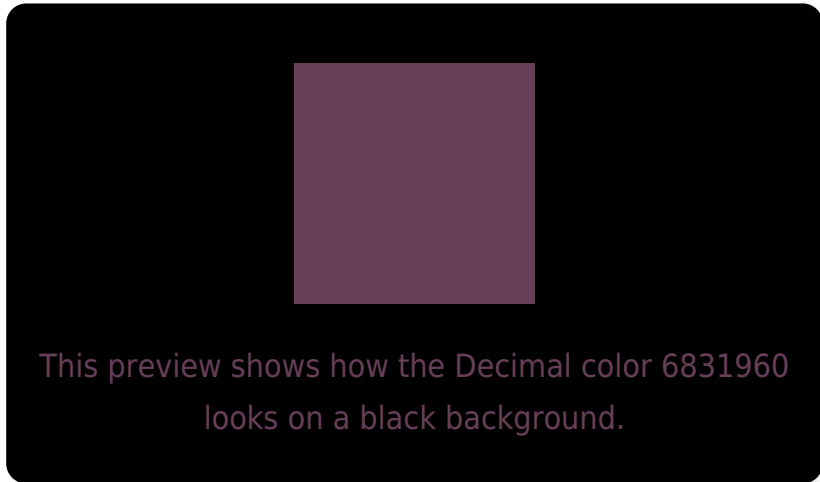
Large Text (above 18pt) WCAG AA ✓ Pass

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

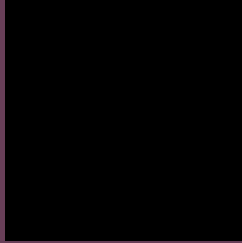
Any Text WCAG AA × Fail

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 6831960 Background



This preview shows how black text looks on a background with the Decimal color 6831960.



This preview shows how white text looks on a background with the Decimal color 6831960.

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
6831960

Protanopia
4672609

Deuteranopia
5196374

Trichromacy



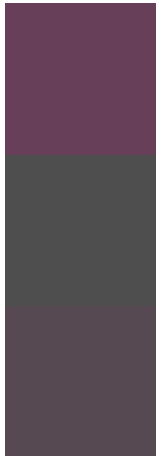
Original Color
6831960

Protanomaly
5457758

Deuteranomaly
5785175

Tritanomaly
6766925

Monochromacy



Original Color
6831960

Achromatopsia
5131854

Achromatomaly
5720402

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6831960 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 #683F58 looks like.

```
.text, #text, p{  
    color:#683F58  
}
```

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 #683F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683F58
}
```

Border

The CSS property to change the border of an element to Decimal 6831960 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".

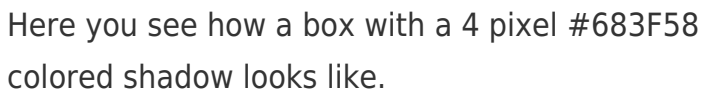
```
.border, #border, table{ border:4px solid
#683F58 }
```

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

```
.border{ border-color:#683F58 }
```

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

Here you see how a box with a 4 pixel #683F58 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683F58; -webkit-box-shadow:4px 4px  
4px 4px #683F58; box-shadow:4px 4px 4px  
4px #683F58 }
```

Background

The CSS property to change the background color of an element to Decimal 6831960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683F58 }
```

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

```
.background{ background-color:#683F58 }
```

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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