

Converting Colors

Decimal(6831218)

Have a look what the booklet for
Decimal(6831218) contains.

Decimal(6831218)	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(6831218)

Conversions

Conversions Part 1

Format	Color
Hex	683C72
RGB	104, 60, 114
RGB Percent	41%, 24%, 45%
CMY	0.5922, 0.7647, 0.5529
CMYK	0.09, 0.47, 0.00, 0.55
HSL	289°, 31%, 34%
HSV	289°, 47%, 45%
XYZ	10.3620, 7.3897, 16.7998
YIQ	79.3120, 8.8900, 26.1220

Conversions

Conversions Part 2

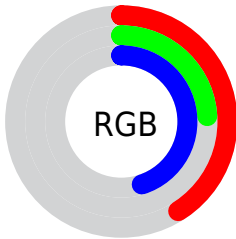
Format	Color
R_{YB}	104, 60, 114
Decimal	6831218
CIE _{Lab}	32.68, 29.04, -23.34
CIE _{LCh}	33, 37.257, 321.206
Yxy	7.3897, 0.2999, 0.2139
Android (android.graphics.Color)	4285021298 (0xFF683C72)
YUV	79.3120, 17.1012, 21.6514
Hunter-Lab	27.1840, 20.4691, -17.6127

Details

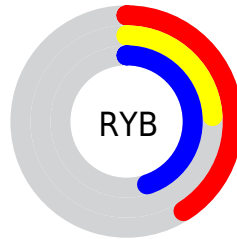
The Decimal color **6831218** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4616764**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **10251686**, and **3608130** is the 20% darker color. If you saturate the color by 10%, you get **6697330**, and if you desaturate by 10%, it is **6965106**.

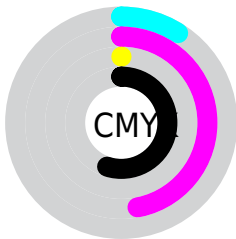
Distribution



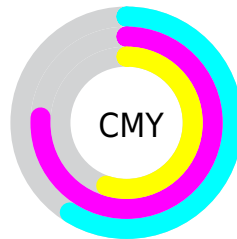
- Red (41%)
- Green (24%)
- Blue (45%)



- Red (41%)
- Yellow (24%)
- Blue (45%)



- Cyan (9%)
- Magenta (47%)
- Yellow (0%)
- Black (55%)



- Cyan (59%)
- Magenta (76%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6831218 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 6831218 by changing the saturation by 10% instead.

■ 6831218

■ 6831218

16777215

■ 5186905

■ 10251686

■ 3608130

■ 12093377

■ 2228267

■ 13935069

■ 278

■ 15777018

■ 0

■ 16767231

■ 16774655

■ 6831218

■ 6831218

■ 6697330

■ 6965106

6563186

7099250

6429298

7233138

6295154

7367282

6095730

7566706

6094962

7700594

7834738

7968626

8102770

Harmonies

Analogous

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



4016516



6831218



8270423

Triad

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



6831218



6506509



23393

Complementary

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



6831218



4616764

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.



23107



6831218



4739600

Square

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



6831218



7879968



2316070



22906

Rectangle

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



6831218



8532291



2316070



23383

Sweetspot

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



6831218



9469844



3950450



4734282



13224393



4868682

Same Dimension

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



6831218



8667284



7486562



3617336



6422648



13238519

Inverse Universe

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



7486534



9715791



3961420



3682868



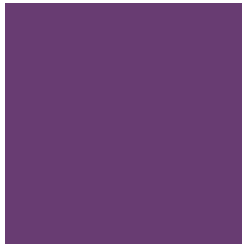
7864342



16187438

Previews

White Background



This preview shows how the Decimal color 6831218 looks on a white background.

Color Contrast Check

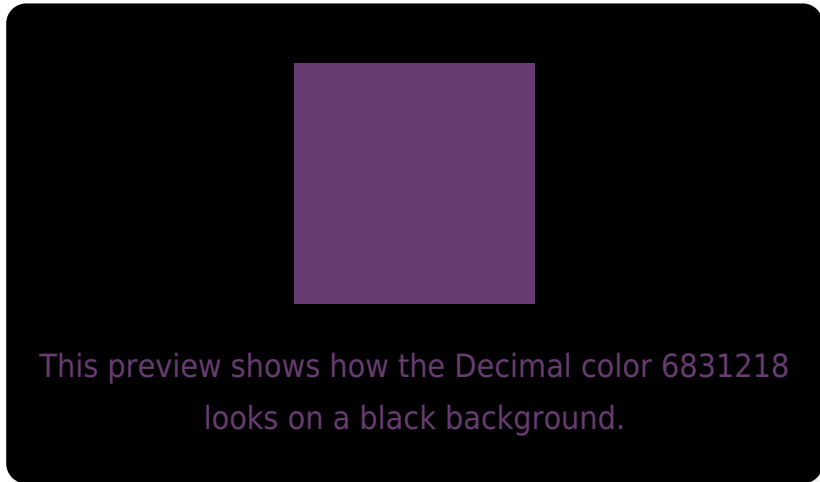
Large Text (above 18pt) WCAG AA ✓ Pass

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

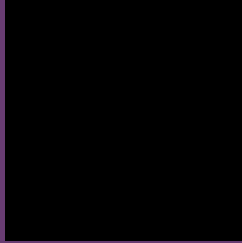
Any Text WCAG AA × Fail

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 6831218 Background



This preview shows how black text looks on a background with the Decimal color 6831218.



This preview shows how white text looks on a background with the Decimal color 6831218.

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





Tritanopia
6440267

Trichromacy



Original Color
6831218

Protanomaly
4802171

Deuteranomaly
5195632

Tritanomaly
6570585

Monochromacy



Original Color
6831218

Achromatopsia
5197647

Achromatomaly
5785692

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6831218 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 #683C72 looks like.

```
.text, #text, p{  
  color:#683C72  
}
```

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 #683C72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683C72  
}
```

Border

The CSS property to change the border of an element to Decimal 6831218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

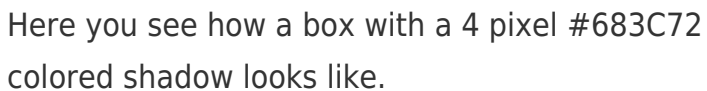
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#683C72 }
```

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

```
.border{ border-color:#683C72 }
```

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



Here you see how a box with a 4 pixel #683C72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683C72; -webkit-box-shadow:4px 4px  
4px 4px #683C72; box-shadow:4px 4px 4px  
4px #683C72 }
```

Background

The CSS property to change the background color of an element to Hexadecimal #683C72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683C72 }
```

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

```
.background{ background-color:#683C72 }
```

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