

Converting Colors

Decimal(6829602)

Have a look what the booklet for
Decimal(6829602) contains.

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Color

Decimal(6829602)

Conversions

Conversions Part 1

Format	Color
Hex	683622
RGB	104, 54, 34
RGB Percent	41%, 21%, 13%
CMY	0.5922, 0.7882, 0.8667
CMYK	0.00, 0.48, 0.67, 0.59
HSL	17°, 51%, 27%
HSV	17°, 67%, 41%
XYZ	7.3168, 5.6969, 2.2273
YIQ	66.6700, 36.2200, 4.3800

Conversions

Conversions Part 2

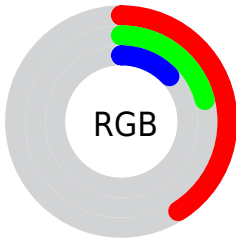
Format	Color
RYB	104, 62, 34
Decimal	6829602
CIELab	28.63, 20.31, 22.26
CIELCh	29, 30.131, 47.622
Yxy	5.6969, 0.4801, 0.3738
Android (android.graphics.Color)	4285019682 (0xFF683622)
YUV	66.6700, -16.1063, 32.7384
Hunter-Lab	23.8681, 12.9502, 11.1748

Details

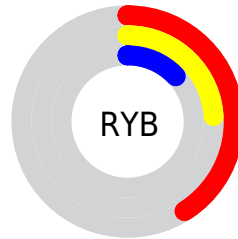
The Decimal color **6829602** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2249832**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **10380879**, and **3475968** is the 20% darker color. If you saturate the color by 10%, you get **6827800**, and if you desaturate by 10%, it is **6831404**.

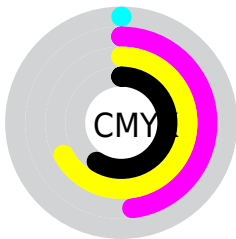
Distribution



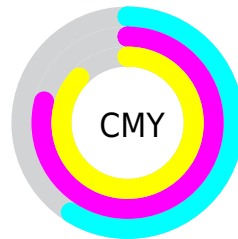
- Red (41%)
- Green (21%)
- Blue (13%)



- Red (41%)
- Yellow (24%)
- Blue (13%)



- Cyan (0%)
- Magenta (48%)
- Yellow (67%)
- Black (59%)



- Cyan (59%)
- Magenta (79%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6829602 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 6829602 by changing the saturation by 10% instead.

■ 6829602

■ 6829602

16777215

■ 5120013

■ 10380879

■ 3475968

■ 12287847

■ 1835009

■ 14129536

■ 0

■ 16102554

■ 16765109

■ 16772305

■ 16777197

■ 6829602

■ 6829602

■ 6827800

■ 6831404

■ 6825741

■ 6833463

■ 6823939

■ 6835265

■ 6823424

■ 6837324

■ 6839126

■ 6841184

■ 6842987

■ 6844789

■ 6846848

Harmonies

Analogous

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



7286839



6829602



5848852

Triad

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



6829602



20025



3424624

Complementary

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



6829602



2249832

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.



18801



6829602



20305

Square

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



6829602



2640931



19813



5650531

Rectangle

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



6829602



4932626



19813



2245746

Sweetspot

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



6829602



8877164



6824532



4536628



12895428



4539717

Same Dimension

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



6829602



8861978



6838562



3354414



7545088



15877376

Inverse Universe

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



2249832



1730695



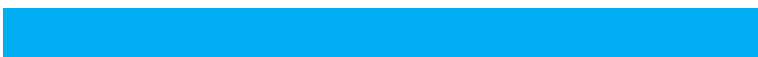
2240872



3027507



21107



44530

Previews

White Background



This preview shows how the Decimal color 6829602 looks on a white background.

Color Contrast Check

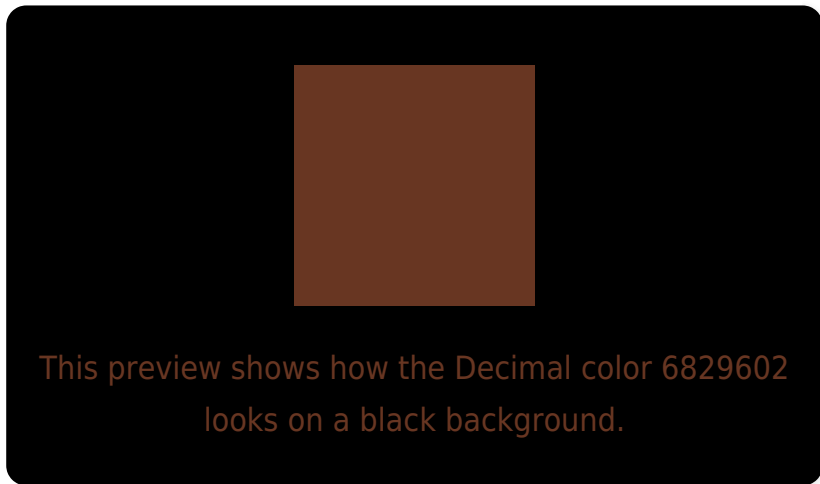
Large Text (above 18pt) WCAG AA ✓ Pass

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 6829602 Background



This preview shows how black text looks on a background with the Decimal color 6829602.



This preview shows how white text looks on a background with the Decimal color 6829602.

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
6829602

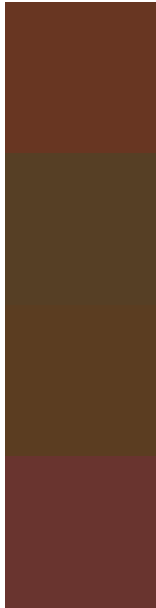
Protanopia
4932647

Deuteranopia
5521696



Tritanopia
6894391

Trichromacy



Original Color
6829602

Protanomaly
5652261

Deuteranomaly
5979425

Tritanomaly
6894639

Monochromacy



Original Color
6829602

Achromatopsia
4408131

Achromatomaly
5258807

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6829602 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 #683622 looks like.

```
.text, #text, p{  
    color:#683622  
}
```

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 #683622 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683622
}
```

Border

The CSS property to change the border of an element to Decimal 6829602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

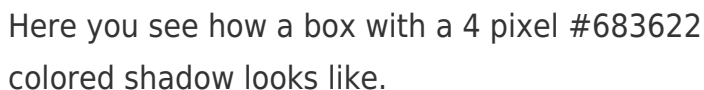
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683622 }
```

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

```
.border{ border-color:#683622 }
```

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



Here you see how a box with a 4 pixel #683622 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683622; -webkit-box-shadow:4px 4px  
4px 4px #683622; box-shadow:4px 4px 4px  
4px #683622 }
```

Background

The CSS property to change the background color of an element to Decimal 6829602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683622 }
```

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

```
.background{ background-color:#683622 }
```

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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