

Converting Colors

Decimal(6829824)

Have a look what the booklet for
Decimal(6829824) contains.

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Color

Decimal(6829824)

Conversions

Conversions Part 1

Format	Color
Hex	683700
RGB	104, 55, 0
RGB Percent	41%, 22%, 0%
CMY	0.5922, 0.7843, 1.0000
CMYK	0.00, 0.47, 1.00, 0.59
HSL	32°, 100%, 20%
HSV	32°, 100%, 41%
XYZ	7.0751, 5.6754, 0.7226
YIQ	63.3810, 46.8590, -6.7170

Conversions

Conversions Part 2

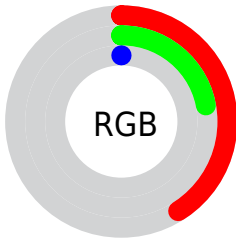
Format	Color
RYB	93, 104, 0
Decimal	6829824
CIELab	28.58, 18.18, 38.94
CIELCh	29, 42.974, 64.970
Yxy	5.6754, 0.5251, 0.4212
Android (android.graphics.Color)	4285019904 (0xFF683700)
YUV	63.3810, -31.2468, 35.6229
Hunter-Lab	23.8232, 11.3212, 14.8779

Details

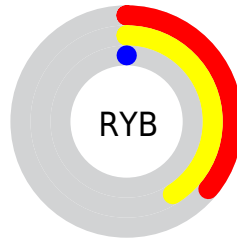
The Decimal color **6829824** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **12648**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **10511921**, and **3345408** is the 20% darker color. If you saturate the color by 10%, you get **6829824**, and if you desaturate by 10%, it is **6831114**.

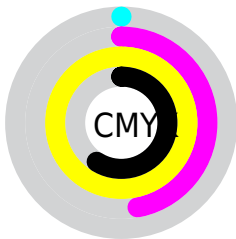
Distribution



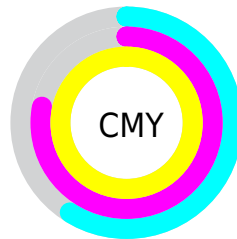
- Red (41%)
- Green (22%)
- Blue (0%)



- Red (36%)
- Yellow (41%)
- Blue (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (100%)
- Black (59%)



- Cyan (59%)
- Magenta (78%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6829824 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 6829824 by changing the saturation by 10% instead.

 6829824

 6829824

 16777192

 5054720

 10511921

 3345408

 12418889

 1638401

 14326369

 0

 16299131

 16765077

 16772272

 16777164

 6829824

■ 6831114

■ 6832405

■ 6833695

■ 6834986

■ 6836020

■ 6837310

■ 6838601

■ 6839891

■ 6841182

Harmonies

Analogous

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



7939871



6829824



5129216

Triad

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



6829824



21064



4864122

Complementary

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



6829824



12648

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.



18054



6829824



21097

Square

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



6829824



20518



20095



7284576

Rectangle

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



6829824



3688960



20095



3554688

Sweetspot

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



6829824



8877151



6815794



4536620



12895428



4539717

Same Dimension

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



6829824



8865536



6711296



3354926



7552256



15892480

Inverse Universe

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



12648



16519



131176



3026995



13939



29426

Previews

White Background



This preview shows how the Decimal color 6829824 looks on a white background.

Color Contrast Check

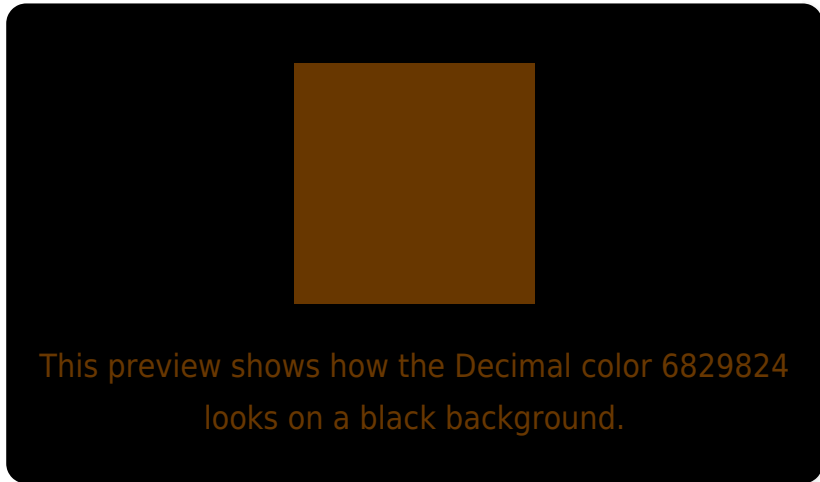
Large Text (above 18pt) WCAG AA ✓ Pass

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 6829824 Background



This preview shows how black text looks on a background with the Decimal color 6829824.



This preview shows how white text looks on a background with the Decimal color 6829824.

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
6829824

Protanopia
5063689

Deuteranopia
5652736



Tritanopia
6959927

Trichromacy



Original Color
6829824

Protanomaly
5717766

Deuteranomaly
6110464

Tritanomaly
6894627

Monochromacy



Original Color
6829824

Achromatopsia
4144959

Achromatomaly
5127208

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6829824 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 #683700 looks like.

```
.text, #text, p{  
    color:#683700  
}
```

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 #683700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683700
}
```

Border

The CSS property to change the border of an element to Decimal 6829824 is called "border". The border property can be set on classes, ids or directly on the HTML element.

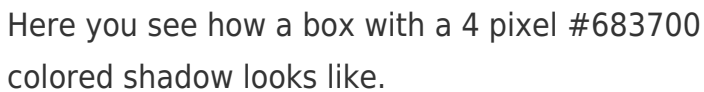
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683700 }
```

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

```
.border{ border-color:#683700 }
```

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



Here you see how a box with a 4 pixel #683700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683700; -webkit-box-shadow:4px 4px  
4px 4px #683700; box-shadow:4px 4px 4px  
4px #683700 }
```

Background

The CSS property to change the background color of an element to Decimal 6829824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683700 }
```

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

```
.background{ background-color:#683700 }
```

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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