

Converting Colors

Decimal(6829636)

Have a look what the booklet for
Decimal(6829636) contains.

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Color

Decimal(6829636)

Conversions

Conversions Part 1

Format	Color
Hex	683644
RGB	104, 54, 68
RGB Percent	41%, 21%, 27%
CMY	0.5922, 0.7882, 0.7333
CMYK	0.00, 0.48, 0.35, 0.59
HSL	343°, 32%, 31%
HSV	343°, 48%, 41%
XYZ	8.0715, 5.9987, 6.2013
YIQ	70.5460, 25.3060, 14.9540

Conversions

Conversions Part 2

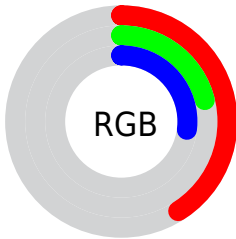
Format	Color
R_YB	104, 54, 68
Decimal	6829636
CIE Lab	29.41, 24.04, 1.34
CIE LCh	29, 24.081, 3.196
Yxy	5.9987, 0.3982, 0.2959
Android (android.graphics.Color)	4285019716 (0xFF683644)
YUV	70.5460, -1.2552, 29.3392
Hunter-Lab	24.4923, 15.9633, 2.1328

Details

The Decimal color **6829636** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3565658**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **10315380**, and **3541273** is the 20% darker color. If you saturate the color by 10%, you get **6827069**, and if you desaturate by 10%, it is **6832203**.

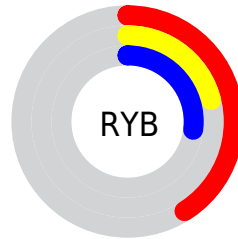
Distribution



Red (41%)

Green (21%)

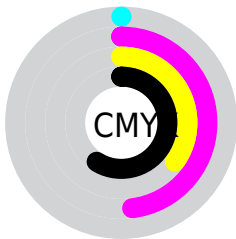
Blue (27%)



Red (41%)

Yellow (21%)

Blue (27%)

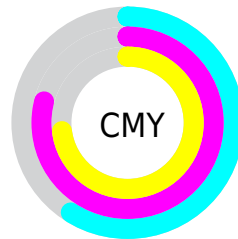


Cyan (0%)

Magenta (48%)

Yellow (35%)

Black (59%)



Cyan (59%)

Magenta (79%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6829636 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 6829636 by changing the saturation by 10% instead.

6829636

6829636

16777215

5185326

10315380

3541273

12091278

2293761

13998760

0

15840707

16765151

16772604

6829636

6829636

6827069

6832203

6824245

6835027

6821678

6837594

6818854

6840418

6816287

6842985

6815773

6845553

6848376

6850944

6853767

Harmonies

Analogous

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



6175062



6829636



6764594

Triad

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



6829636



3885605



19558

Complementary

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



6829636



3565658

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.



20057



6829636



2379316

Square

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



6829636



5195039



20295



2836330

Rectangle

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



6829636



6437928



20295



19811

Sweetspot

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



6829636



8877178



5912168



4536636



12895428



4539717

Same Dimension

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



6829636



8862031



6832438



3354159



7536672



15859780

Inverse Universe

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



6829636



8862031



3562856



3354159



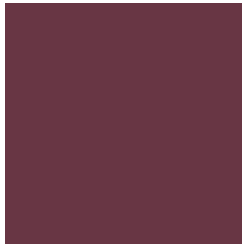
7536672



15859780

Previews

White Background



This preview shows how the Decimal color 6829636 looks on a white background.

Color Contrast Check

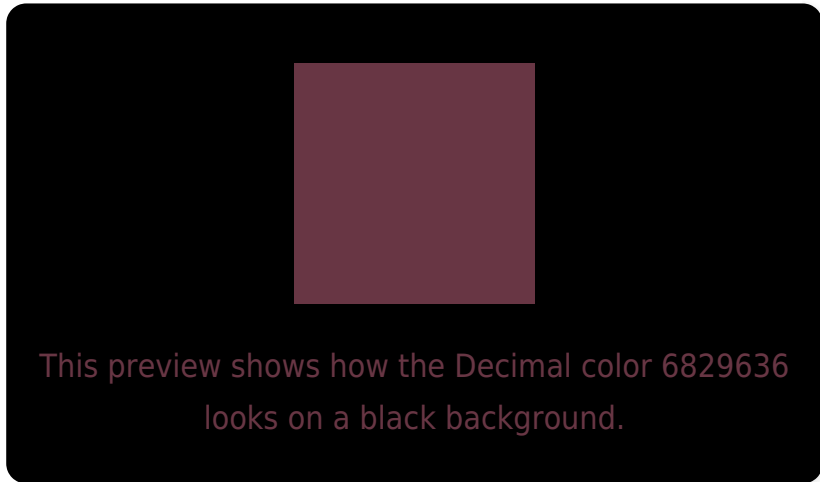
Large Text (above 18pt) WCAG AA ✓ Pass

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

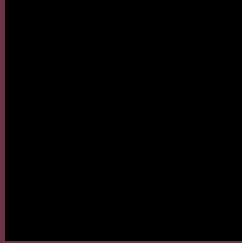
Any Text WCAG AA × Fail

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 6829636 Background



This preview shows how black text looks on a background with the Decimal color 6829636.



This preview shows how white text looks on a background with the Decimal color 6829636.

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
6829636

Protanopia
4539725

Deuteranopia
5129026



Tritanopia
6764604

Trichromacy



Original Color
6829636

Protanomaly
5390410

Deuteranomaly
5717571

Tritanomaly
6764351

Monochromacy



Original Color
6829636

Achromatopsia
4671303

Achromatomaly
5456198

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6829636 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 #683644 looks like.

```
.text, #text, p{  
  color:#683644  
}
```

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 #683644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683644
}
```

Border

The CSS property to change the border of an element to Decimal 6829636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

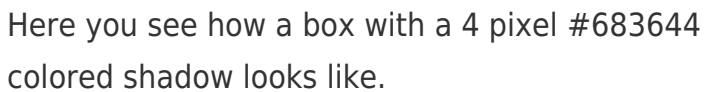
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683644 }
```

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

```
.border{ border-color:#683644 }
```

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



Here you see how a box with a 4 pixel #683644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683644; -webkit-box-shadow:4px 4px  
4px 4px #683644; box-shadow:4px 4px 4px  
4px #683644 }
```

Background

The CSS property to change the background color of an element to Decimal 6829636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683644 }
```

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

```
.background{ background-color:#683644 }
```

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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