

Converting Colors

Android(4284809771)

Have a look what the booklet for
Android(4284809771) contains.

Android(4284809771)	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

Android(4284809771)

Conversions

Conversions Part 1

Format	Color
Hex	65022B
RGB	101, 2, 43
RGB Percent	40%, 1%, 17%
CMY	0.6039, 0.9922, 0.8314
CMYK	0.00, 0.98, 0.57, 0.60
HSL	335°, 96%, 20%
HSV	335°, 98%, 40%
XYZ	5.8246, 2.9845, 2.5546
YIQ	36.2750, 45.8430, 33.7390

Conversions

Conversions Part 2

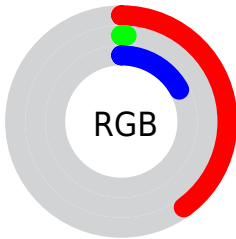
Format	Color
R_{YB}	101, 2, 43
Decimal	6619691
CIE _{Lab}	19.98, 42.03, 4.78
CIE _{LCh}	20, 42.304, 6.491
Yxy	2.9845, 0.5126, 0.2626
Android (android.graphics.Color)	4284809771 (0xFF65022B)
YUV	36.2750, 3.3154, 56.7638
Hunter-Lab	17.2758, 29.9490, 3.3258

Details

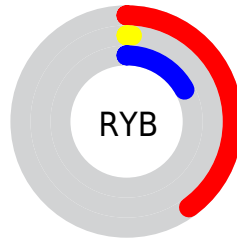
The Android color **4284809771** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **4278347068**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4288495192**, and **4281532418** is the 20% darker color. If you saturate the color by 10%, you get **4284809258**, and if you desaturate by 10%, it is **4284812337**.

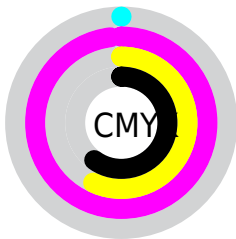
Distribution



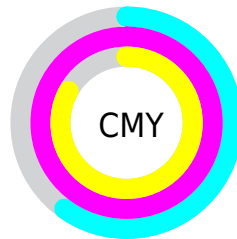
- Red (40%)
- Green (1%)
- Blue (17%)



- Red (40%)
- Yellow (1%)
- Blue (17%)



- Cyan (0%)
- Magenta (98%)
- Yellow (57%)
- Black (60%)



- Cyan (60%)
- Magenta (99%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284809771 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 Android color 4284809771 by changing the saturation by 10% instead.

 4284809771

 4284809771

 4294966783

 4283039767

 4288495192

 4281532418

 4290336624

 4278190080

 4292244106

 4294216868

 4294944703

 4294951899

 4294959351

 4284809771

 4284809771

■ 4284809258

■ 4284812337

■ 4284814903

■ 4284817469

■ 4284820035

■ 4284822857

■ 4284825423

■ 4284827988

■ 4284830554

■ 4284833120

Harmonies

Analogous

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



4284026954



4284809771



4284486412

Triad

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



4284809771



4279646208



4278205033

Complementary

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



4284809771



4278347068

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.



4278205781



4284809771



4278205462

Square

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



4284809771



4281807104



4278205750



4278202991

Rectangle

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



4284809771



4283834368



4278205750



4278205284

Sweetspot

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



4284809771



4286733420



4282122853



4282526517



4290953922



4282532418

Same Dimension

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



4284809771



4286709814



4284811778



4281544240



4285726768



4294049892

Inverse Universe

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



4284809771



4286709814



4278345061



4281544240



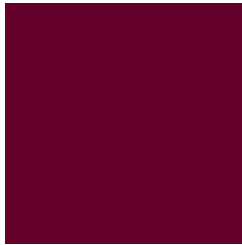
4285726768



4294049892

Previews

White Background



This preview shows how the Android color 4284809771 looks on a white background.

Color Contrast Check

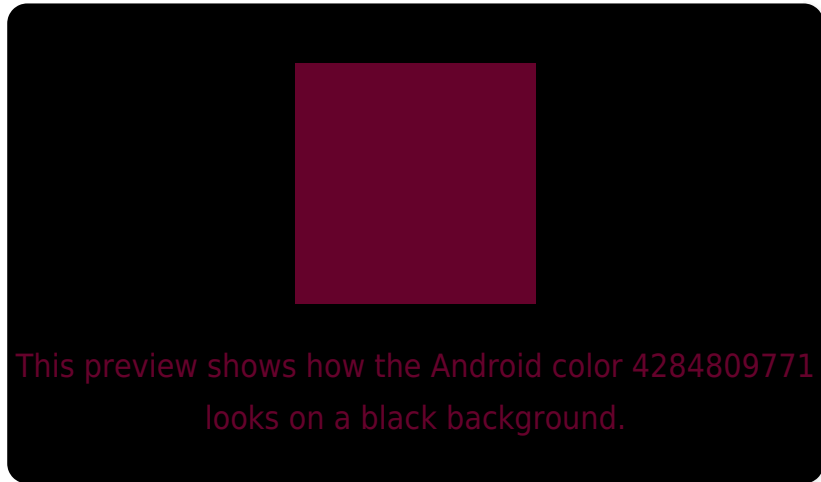
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Android 4284809771 Background



This preview shows how black text looks on a background with the Android color 4284809771.



This preview shows how white text looks on a background with the Android color 4284809771.

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
4284809771

Protanopia
4281480255

Deuteranopia
4282200615

Trichromacy



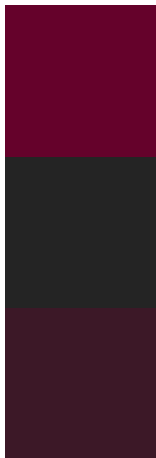
Original Color
4284809771

Protanomaly
4282720824

Deuteranomaly
4283179304

Tritanomaly
4284746778

Monochromacy



Original Color
4284809771

Achromatopsia
4280558628

Achromatomaly
4282128423

CSS Examples

Text

The CSS property to change the color of the text to Android 4284809771 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 `rgb(101, 2, 43)` looks like.

```
.text, #text, p{  
    color:rgb(101, 2, 43)  
}
```

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 rgb(101, 2, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 2, 43) }
```

Border

The CSS property to change the border of an element to Android 4284809771 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 rgb(101, 2, 43) }
```

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

```
.border{ border-color:rgb(101, 2, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 2, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 2, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 2, 43);  
box-shadow:4px 4px 4px 4px rgb(101, 2, 43)  
}
```

Background

The CSS property to change the background color of an element to Android 4284809771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 2, 43) }
```

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

```
.background{ background-color: rgb(101, 2,  
43) }
```

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