

# Converting Colors

Android(4285022802)

Have a look what the booklet for  
Android(4285022802) contains.

<b>Android(4285022802)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4285022802)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	684252
RGB	104, 66, 82
RGB Percent	41%, 26%, 32%
CMY	0.5922, 0.7412, 0.6784
CMYK	0.00, 0.37, 0.21, 0.59
HSL	335°, 22%, 33%
HSV	335°, 37%, 41%
XYZ	9.1801, 7.4487, 8.9365
YIQ	79.1860, 17.5120, 13.0320

# Conversions

## Conversions Part 2

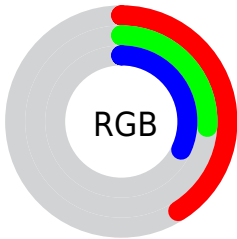
Format	Color
<a href="#">RYB</a>	104, 66, 82
Decimal	6832722
CIELab	32.81, 19.03, -2.77
CIElCh	33, 19.231, 351.732
Yxy	7.4487, 0.3591, 0.2914
Android (android.graphics.Color)	4285022802 (0xFF684252)
YUV	79.1860, 1.3873, 21.7619
Hunter-Lab	27.2923, 12.2794, -0.3092




# Details

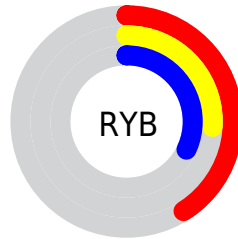
The Android color `4285022802` is a dark color, and the websafe version is hex `663333`. A complement of this color would be `4282542168`, and the grayscale version is `4283387727`.




A 20% lighter version of the original color is `4288443267`, and `4281865765` is the 20% darker color. If you saturate the color by 10%, you get `4285020236`, and if you desaturate by 10%, it is `4285025368`.

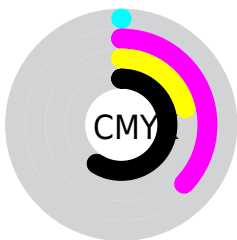
# Distribution







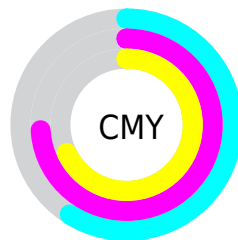
-  Red (41%)
-  Green (26%)
-  Blue (32%)






-  Red (41%)
-  Yellow (26%)
-  Blue (32%)



-  Cyan (0%)
-  Magenta (37%)
-  Yellow (21%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (74%)
-  Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285022802 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 4285022802 by changing the saturation by 10% instead.





4285022802



4285022802

4294967295



4283378491



4288443267



4281865765



4290219165



4280483857



4292061112



4278190080



4293968596



4294958832



4294966271



4285022802



4285022802



4285020236



4285025368

 4285017414

 4285028190

 4285014848

 4285030756

 4285012026

 4285033578

 4285009460

 4285036144

 4285006894

 4285038710

 4285005868

 4285041532

 4285044098

 4285046920

# Harmonies

## Analogous

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



4284237152



4285022802



4285219395

# Triad

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



4285022802



4283191345



4280046692

# Complementary

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



4285022802



4282542168

# 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.



4279850328



4285022802



4282078010

# Square

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



4285022802



4284173103



4280833352



4281487467

# Rectangle

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



4285022802



4285088826



4280833352



4279784545



# Sweetspot

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



4285022802



4287068287



4283974248



4282727488



4291085508



4282729797



# Same Dimension

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



4285022802



4287056997



4285023554



4281544240



4285726768



4294049894



# Inverse Universe

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



4285022802



4287056997



4282541416



4281544240



4285726768

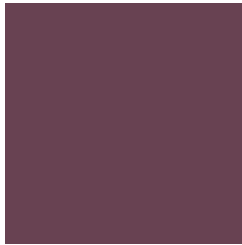


4294049894



# Previews

## White Background



This preview shows how the Android color 4285022802 looks on a white background.

## Color Contrast Check

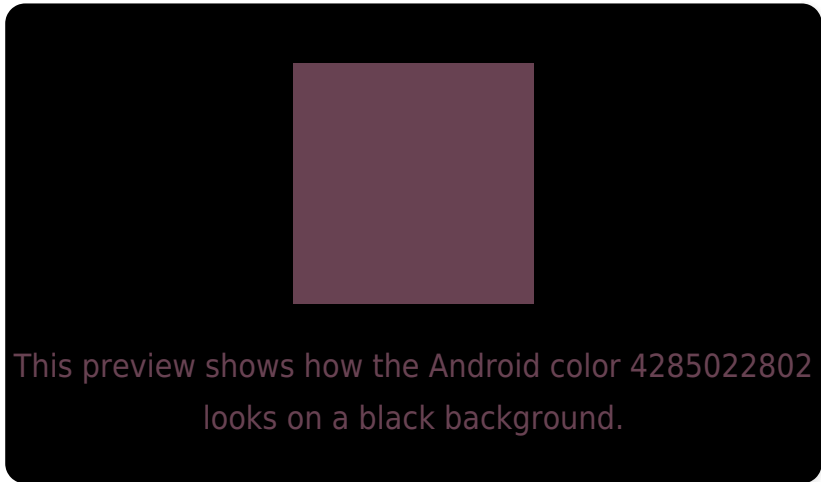
Large Text (above 18pt) WCAG AA ✓ Pass

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

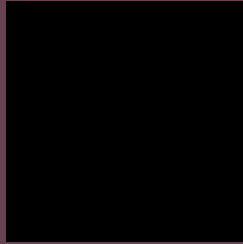
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285022802 Background



This preview shows how black text looks on a background with the Android color 4285022802.



This preview shows how white text looks on a background with the Android color 4285022802.

# 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**


4285022802

**Protanopia**

4283190617

**Deuteranopia**

4283714384



**Tritanopia**  
4284957769

# Trichromacy



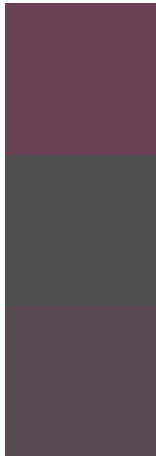
**Original Color**  
4285022802

**Protanomaly**  
4283844950

**Deuteranomaly**  
4284172369

**Tritanomaly**  
4284957516

# Monochromacy



**Original Color**  
4285022802

**Achromatopsia**  
4283387727

**Achromatomaly**  
4283976272

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285022802 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(104, 66, 82)` looks like.

```
.text, #text, p{  
    color:rgb(104, 66, 82)  
}
```

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(104, 66, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 66, 82) }
```

## Border

The CSS property to change the border of an element to Android 4285022802 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(104, 66, 82) }
```

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

```
.border{ border-color:rgb(104, 66, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 66, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 66, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 66, 82);  
box-shadow:4px 4px 4px 4px rgb(104, 66,  
82) }
```

# Background

The CSS property to change the background color of an element to Android 4285022802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 66, 82) }
```

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

```
.background{ background-color: rgb(104, 66,  
82) }
```

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