

# Converting Colors

Android(4282723617)

Have a look what the booklet for  
Android(4282723617) contains.

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# Color

**Android(4282723617)**

# Conversions

## Conversions Part 1

Format	Color
Hex	452D21
RGB	69, 45, 33
RGB Percent	27%, 18%, 13%
CMY	0.7294, 0.8235, 0.8706
CMYK	0.00, 0.35, 0.52, 0.73
HSL	20°, 35%, 20%
HSV	20°, 52%, 27%
XYZ	3.6671, 3.2518, 1.8732
YIQ	50.8080, 18.1560, 1.3560

# Conversions

## Conversions Part 2

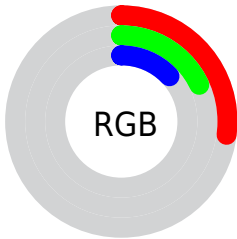
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 51, 33
Decimal	4533537
CIELab	21.03, 9.36, 12.21
CIElCh	21, 15.383, 52.514
Yxy	3.2518, 0.4171, 0.3699
Android (android.graphics.Color)	4282723617 (0xFF452D21)
YUV	50.8080, -8.7793, 15.9544
Hunter-Lab	18.0327, 4.7426, 6.4639

# Details

The Android color **4282723617** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4280367429**, and the grayscale version is **4281545523**.

A 20% lighter version of the original color is **4286012237**, and **4279762944** is the 20% darker color. If you saturate the color by 10%, you get **4282722330**, and if you desaturate by 10%, it is **4282724904**.

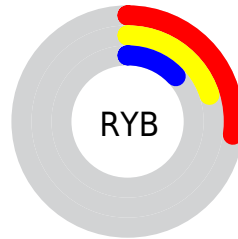
# Distribution



Red (27%)

Green (18%)

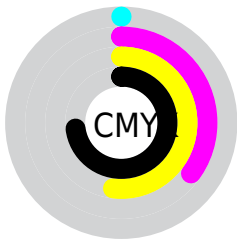
Blue (13%)



Red (27%)

Yellow (20%)

Blue (13%)

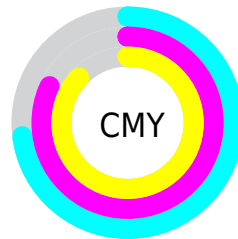


Cyan (0%)

Magenta (35%)

Yellow (52%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282723617 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 4282723617 by changing the saturation by 10% instead.





4282723617



4282723617

4294967295



4281210891



4286012237



4279762944



4287722341



4278190080



4289498494



4291274648



4293182387



4294958798



4294966251



4282723617



4282723617

■ 4282722330

■ 4282724904

■ 4282721299

■ 4282725935

■ 4282720012

■ 4282727222

■ 4282718981

■ 4282728253

■ 4282717952

■ 4282729540

■ 4282730826

■ 4282731857

■ 4282733144

■ 4282734175

# Harmonies

## Analogous

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



4282985002



4282723617



4282200348

# Triad

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



4282723617



4279646255



4281348423

# Complementary

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



4282723617



4280367429

# 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.



4280169545



4282723617



4278794555

# Square

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



4282723617



4280563492



4278990660



4282264896

# Rectangle

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



4282723617



4281676572



4278990660



4280955465



# Sweetspot

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



4282723617



4284043339



4282720569



4281215013



4289572269



4281216558



# Same Dimension

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



4282723617



4284036129



4282728225



4280557856



4284686592



4293086208



# Inverse Universe

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



4280367429



4280371033



4280362821



4280296228



4278207075



4278228963



# Previews

## White Background



This preview shows how the Android color 4282723617 looks on a white background.

## Color Contrast Check

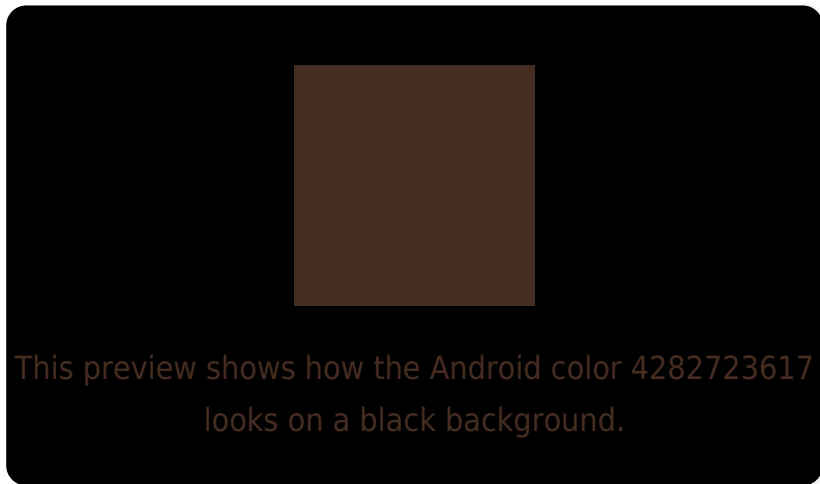
Large Text (above 18pt) WCAG AA ✓ Pass

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

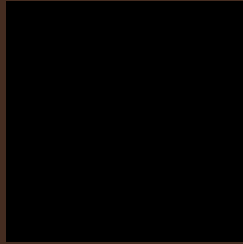
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282723617 Background



This preview shows how black text looks on a background with the Android color 4282723617.

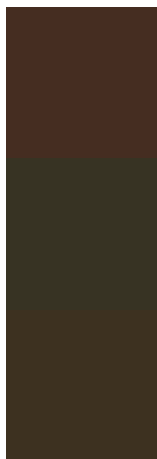


This preview shows how white text looks on a background with the Android color 4282723617.

# 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



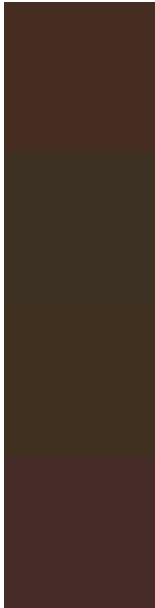
**Original Color**  
4282723617

**Protanopia**  
4281807651

**Deuteranopia**  
4282200352



# Trichromacy



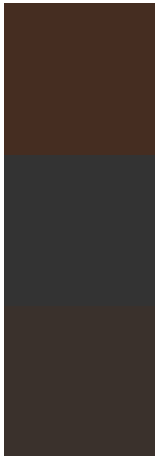
**Original Color**  
4282723617

**Protanomaly**  
4282134818

**Deuteranomaly**  
4282396704

**Tritanomaly**  
4282788905

# Monochromacy



**Original Color**  
4282723617

**Achromatopsia**  
4281545523

**Achromatomaly**  
4282003756

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282723617 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(69, 45, 33)` looks like.

```
.text, #text, p{  
    color:rgb(69, 45, 33)  
}
```

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(69, 45, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 45, 33) }
```

## Border

The CSS property to change the border of an element to Android 4282723617 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(69, 45, 33) }
```

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

```
.border{ border-color:rgb(69, 45, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 45, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 45, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 45, 33);  
box-shadow:4px 4px 4px 4px rgb(69, 45, 33)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282723617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 45, 33) }
```

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

```
.background{ background-color: rgb(69, 45,  
33) }
```

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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