

# Converting Colors

Android(4283582048)

Have a look what the booklet for  
Android(4283582048) contains.

<b>Android(4283582048)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4283582048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	524660
RGB	82, 70, 96
RGB Percent	32%, 27%, 38%
CMY	0.6784, 0.7255, 0.6235
CMYK	0.15, 0.27, 0.00, 0.62
HSL	268°, 16%, 33%
HSV	268°, 27%, 38%
XYZ	7.7812, 7.0187, 12.0110
YIQ	76.5520, -1.1940, 10.6300

# Conversions

## Conversions Part 2

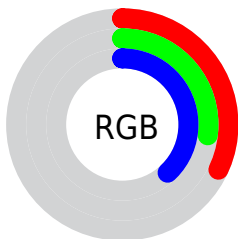
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 70, 96
Decimal	5391968
CIELab	31.85, 10.86, -13.42
CIELCh	32, 17.262, 308.978
Yxy	7.0187, 0.2902, 0.2618
Android (android.graphics.Color)	4283582048 (0xFF524660)
YUV	76.5520, 9.5879, 4.7779
Hunter-Lab	26.4928, 6.0645, -8.3352

# Details

The Android color **4283582048** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4283719750**, and the grayscale version is **4283190348**.

A 20% lighter version of the original color is **4286871187**, and **4280621874** is the 20% darker color. If you saturate the color by 10%, you get **4283251808**, and if you desaturate by 10%, it is **4283912288**.

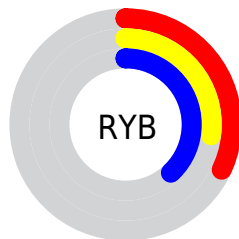
# Distribution



Red (32%)

Green (27%)

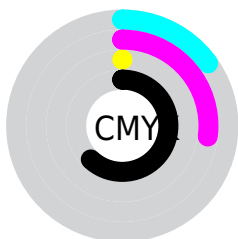
Blue (38%)



Red (32%)

Yellow (27%)

Blue (38%)

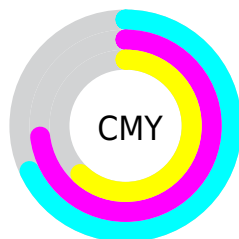


Cyan (15%)

Magenta (27%)

Yellow (0%)

Black (62%)



Cyan (68%)

Magenta (73%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283582048 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 4283582048 by changing the saturation by 10% instead.



■ 4283582048

■ 4283582048

4294967295

■ 4282069064

■ 4286871187

■ 4280621874

■ 4288581805

■ 4279369757

■ 4290358217

■ 4278190080

■ 4292200165

■ 4294042367

4294967039

■ 4283582048

■ 4283582048

■ 4283251808

■ 4283912288

■ 4282921824

■ 4284242272

■ 4282526048

■ 4284638048

■ 4282196064

■ 4284968032

■ 4281865824

■ 4285298272

■ 4281535584

■ 4285628512

■ 4281205600

■ 4285958496

■ 4281073760

■ 4286288736

■ 4286684256

# Harmonies

## Analogous

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



4282338149



4283582048



4284432981

# Triad

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



4283582048



4284303154



4280504911

# Complementary

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



4283582048



4283719750

# 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.



4281487937



4283582048



4283452208

# Square

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



4283582048



4284760891



4282470198



4280242779

# Rectangle

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



4283582048



4284760396



4282470198



4280832586



# Sweetspot

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



4283582048



4286083965



4282799200



4282136896



4290756543



4282400832



# Same Dimension

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



4283582048



4284961917



4284434016



4281216048



4281598064



4285464816



# Inverse Universe

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



4284499540



4286403690



4282867782



4281347118



4285530172



4293918849



# Previews

## White Background



This preview shows how the Android color 4283582048 looks on a white background.

## Color Contrast Check

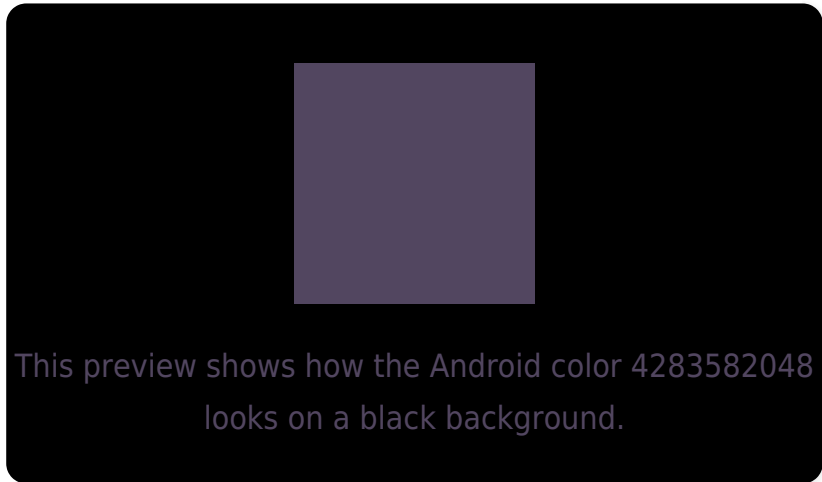
Large Text (above 18pt) WCAG AA ✓ Pass

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

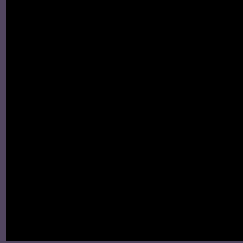
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4283582048 Background



This preview shows how black text looks on a background with the Android color 4283582048.

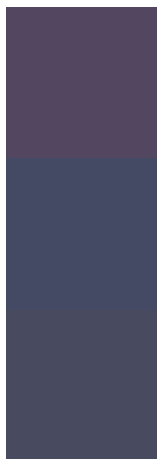


This preview shows how white text looks on a background with the Android color 4283582048.

# 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**


4283582048

**Protanopia**

4282665571

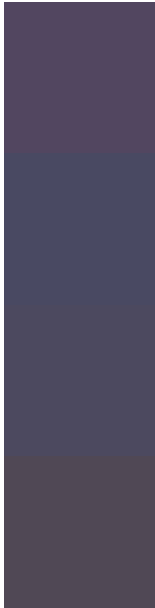
**Deuteranopia**

4282927711



**Tritanopia**  
4283386191

# Trichromacy



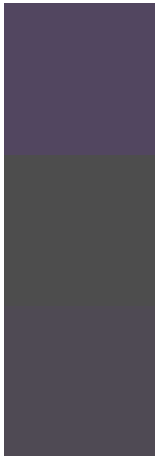
**Original Color**  
4283582048

**Protanomaly**  
4282992994

**Deuteranomaly**  
4283189599

**Tritanomaly**  
4283451477

# Monochromacy



**Original Color**  
4283582048

**Achromatopsia**  
4283256141

**Achromatomaly**  
4283386452

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283582048 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(82, 70, 96)` looks like.

```
.text, #text, p{  
    color:rgb(82, 70, 96)  
}
```

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(82, 70, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 70, 96) }
```

## Border

The CSS property to change the border of an element to Android 4283582048 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(82, 70, 96) }
```

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

```
.border{ border-color:rgb(82, 70, 96) }
```

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

Here you see how a box with a 4 pixel rgb(82, 70, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 70, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 70, 96);  
box-shadow:4px 4px 4px 4px rgb(82, 70, 96)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283582048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 70, 96) }
```

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

```
.background{ background-color: rgb(82, 70,  
96) }
```

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