

# Converting Colors

Android(4283007800)

Have a look what the booklet for  
Android(4283007800) contains.

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# Color

**Android(4283007800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	498338
RGB	73, 131, 56
RGB Percent	29%, 51%, 22%
CMY	0.7137, 0.4863, 0.7804
CMYK	0.44, 0.00, 0.57, 0.49
HSL	106°, 40%, 37%
HSV	106°, 57%, 51%
XYZ	11.5778, 17.9346, 6.5929
YIQ	105.1080, -10.4930, -35.6210

# Conversions

## Conversions Part 2

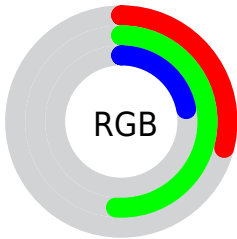
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 131, 114
Decimal	4817720
CIELab	49.42, -34.11, 34.25
CIELCh	49, 48.341, 134.884
Yxy	17.9346, 0.3207, 0.4967
Android (android.graphics.Color)	4283007800 (0xFF498338)
YUV	105.1080, -24.2102, -28.1587
Hunter-Lab	42.3493, -25.3115, 20.4143

# Details

The Android color `4283007800` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4285675651`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4286495081`, and `4279390470` is the 20% darker color. If you saturate the color by 10%, you get `4282352427`, and if you desaturate by 10%, it is `4283663173`.

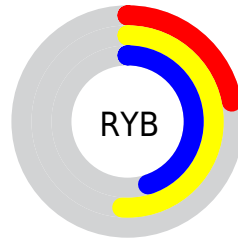
# Distribution



Red (29%)

Green (51%)

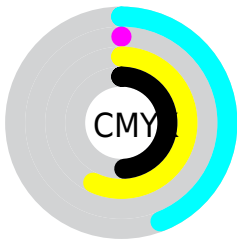
Blue (22%)



Red (22%)

Yellow (51%)

Blue (45%)

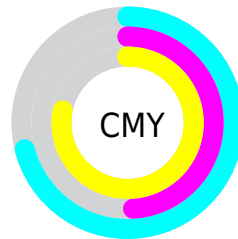


Cyan (44%)

Magenta (0%)

Yellow (57%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283007800 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 4283007800 by changing the saturation by 10% instead.



 4283007800

 4283007800

4294967295

 4281297184

 4286495081

 4279390470

 4288271491

 4278204672

 4290048414

 4278199552

 4291887033

 4278190080

 4293787605

 4294967281

 4283007800

 4283007800

 4282352427

 4283663173

■ 4281697054

■ 4284318546

■ 4281041681

■ 4284973919

■ 4280320772

■ 4285694828

■ 4280189696

■ 4286350202

■ 4287005575

■ 4287660948

■ 4288316321

■ 4288971694

# Harmonies

## Analogous

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



4286085662



4283007800



4278224991

# Triad

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



4283007800



4278223044



4290859107

# Complementary

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



4283007800



4285675651

# 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.



4290139020



4283007800



4283397061

# Square

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



4283007800



4278224814



4287783600



4290141245

# Rectangle

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



4283007800



4278225275



4287783600



4290727792



# Sweetspot

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



4283007800



4287933326



4286804280



4282996549



4292269782



4283914071



# Same Dimension

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



4283007800



4283476789



4281893708



4282204732



4280123904



4278256384



# Inverse Universe

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



4285675651



4287641003



4286789743



4282465346



4284809346



4278321155



# Previews

## White Background



This preview shows how the Android color 4283007800 looks on a white background.

## Color Contrast Check

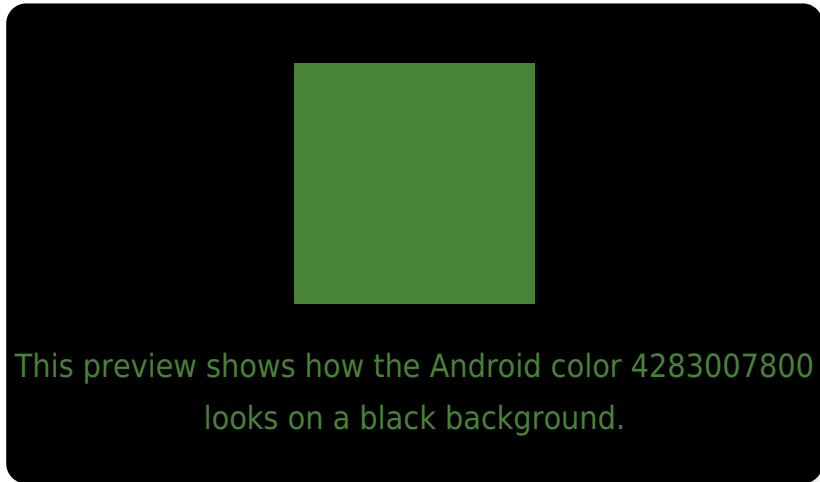
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



# Android 4283007800 Background



This preview shows how black text looks on a background with the Android color 4283007800.



This preview shows how white text looks on a background with the Android color 4283007800.

# 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**  
4283007800

**Protanopia**  
4286739764

**Deuteranopia**  
4287590205



# Trichromacy



**Original Color**  
4283007800

**Protanomaly**  
4285364789

**Deuteranomaly**  
4285953595

**Tritanomaly**  
4283596393

# Monochromacy



**Original Color**  
4283007800

**Achromatopsia**  
4285098345

**Achromatomaly**  
4284314199

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283007800 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(73, 131, 56)` looks like.

```
.text, #text, p{  
    color:rgb(73, 131, 56)  
}
```

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(73, 131, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 131, 56) }
```

## Border

The CSS property to change the border of an element to Android 4283007800 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(73, 131, 56) }
```

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

```
.border{ border-color:rgb(73, 131, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 131, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 131, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 131, 56);  
box-shadow:4px 4px 4px 4px rgb(73, 131,  
56) }
```

# Background

The CSS property to change the background color of an element to Android 4283007800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 131, 56) }
```

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

```
.background{ background-color: rgb(73, 131,  
56) }
```

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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