

# Converting Colors

Android(4283506944)

Have a look what the booklet for  
Android(4283506944) contains.

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# Color

**Android(4283506944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	512100
RGB	81, 33, 0
RGB Percent	32%, 13%, 0%
CMY	0.6824, 0.8706, 1.0000
CMYK	0.00, 0.59, 1.00, 0.68
HSL	24°, 100%, 16%
HSV	24°, 100%, 32%
XYZ	3.9372, 2.8370, 0.3401
YIQ	43.5900, 39.2010, -0.0870

# Conversions

## Conversions Part 2

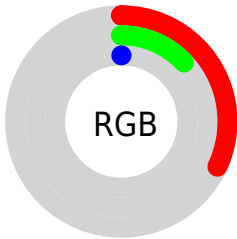
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 56, 0
Decimal	5316864
CIELab	19.38, 20.51, 28.55
CIELCh	19, 35.150, 54.309
Yxy	2.8370, 0.5534, 0.3988
Android (android.graphics.Color)	4283506944 (0xFF512100)
YUV	43.5900, -21.4899, 32.8086
Hunter-Lab	16.8435, 12.2484, 10.5933

# Details

The Android color **4283506944** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **4278202449**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4287057711**, and **4280287233** is the 20% darker color. If you saturate the color by 10%, you get **4283506944**, and if you desaturate by 10%, it is **4283508232**.

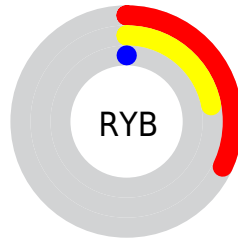
# Distribution



Red (32%)

Green (13%)

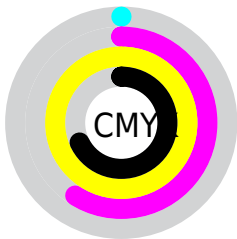
Blue (0%)



Red (32%)

Yellow (22%)

Blue (0%)

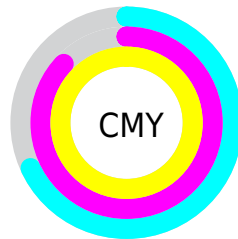


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (68%)



Cyan (68%)

Magenta (87%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283506944 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 4283506944 by changing the saturation by 10% instead.



 4283506944

 4283506944

 4294967267

 4281797376

 4287057711

 4280287233

 4288898886

 4278190080

 4290740318

 4292647543

 4294620561

 4294955435

 4294962631

 4283506944

■ 4283508232

■ 4283509520

■ 4283510552

■ 4283511840

■ 4283513129

■ 4283514417

■ 4283515705

■ 4283516737

■ 4283518025

# Harmonies

## Analogous

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



4284159260



4283506944



4282330112

# Triad

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



4283506944



4278204969



4280494686

# Complementary

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



4283506944



4278202449

# 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.



4278203490



4283506944



4278204995

# Square

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



4283506944



4278204430



4278204760



4282981709

# Rectangle

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



4283506944



4281348608



4278204760



4278464097



# Sweetspot

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



4283506944



4285093449



4283498545



4281739810



4290098613



4281742902



# Same Dimension

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



4283506944



4285082368



4283517184



4280886821



4293418752

# Inverse Universe

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



4278202449



4278206057



4278192209



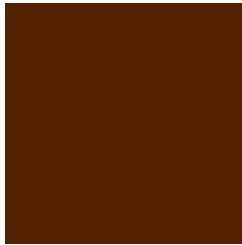
4280624937



4278225640

# Previews

## White Background



This preview shows how the Android color 4283506944 looks on a white background.

## Color Contrast Check

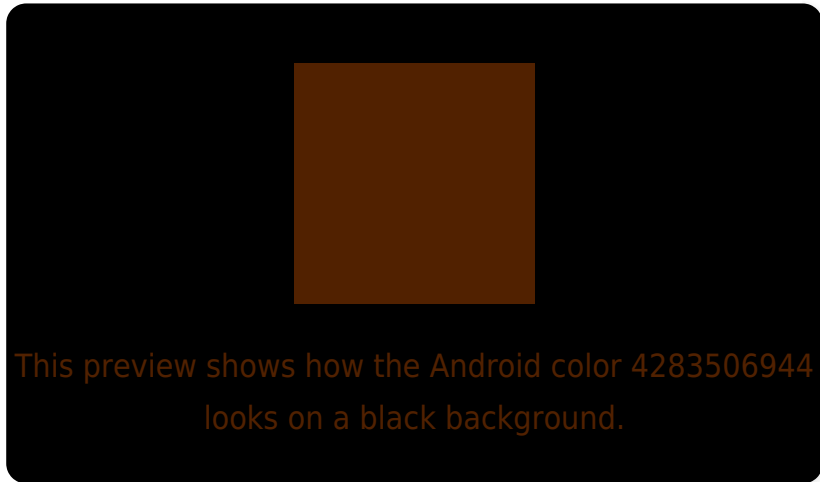
Large Text (above 18pt) WCAG AA ✓ Pass

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

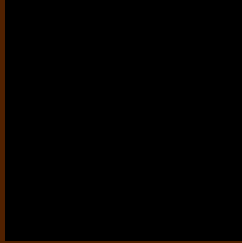
Any Text WCAG AA × Fail

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 4283506944 Background



This preview shows how black text looks on a background with the Android color 4283506944.



This preview shows how white text looks on a background with the Android color 4283506944.

# 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**  
4283506944

**Protanopia**  
4281741320

**Tritanopia**  
4283572001



# Trichromacy



**Original Color**  
4283506944

**Protanomaly**  
4282395397

**Tritanomaly**  
4283572245

# Monochromacy



**Original Color**  
4283506944

**Achromatopsia**  
4281084972

**Achromatomaly**  
4281935900

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283506944 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(81, 33, 0)` looks like.

```
.text, #text, p{  
    color:rgb(81, 33, 0)  
}
```

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(81, 33, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 33, 0) }
```

## Border

The CSS property to change the border of an element to Android 4283506944 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(81, 33, 0) }
```

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

```
.border{ border-color:rgb(81, 33, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 33, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 33, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(81, 33, 0); box-shadow:4px  
4px 4px 4px rgb(81, 33, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4283506944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 33, 0) }
```

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

```
.background{ background-color: rgb(81, 33,  
0) }
```

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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