

# Converting Colors

Android(4283826220)

Have a look what the booklet for  
Android(4283826220) contains.

<b>Android(4283826220)</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(4283826220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56002C
RGB	86, 0, 44
RGB Percent	34%, 0%, 17%
CMY	0.6627, 1.0000, 0.8275
CMYK	0.00, 1.00, 0.49, 0.66
HSL	329°, 100%, 17%
HSV	329°, 100%, 34%
XYZ	4.2924, 2.1603, 2.5736
YIQ	30.7300, 37.1320, 31.9160

# Conversions

## Conversions Part 2

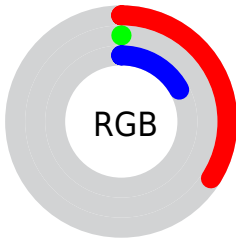
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 0, 44
Decimal	5636140
CIE Lab	16.31, 38.80, -1.70
CIE LCh	16, 38.839, 357.498
Yxy	2.1603, 0.4755, 0.2393
Android (android.graphics.Color)	4283826220 (0xFF56002C)
YUV	30.7300, 6.5421, 48.4718
Hunter-Lab	14.6979, 26.4078, -0.0932

# Details

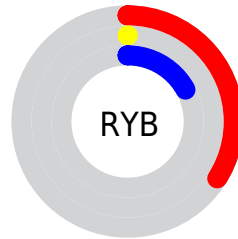
The Android color **4283826220** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **4278212138**, and the grayscale version is **4280229663**.

A 20% lighter version of the original color is **4287379801**, and **4280614913** is the 20% darker color. If you saturate the color by 10%, you get **4283826220**, and if you desaturate by 10%, it is **4283828528**.

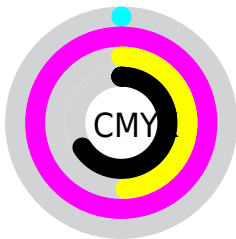
# Distribution



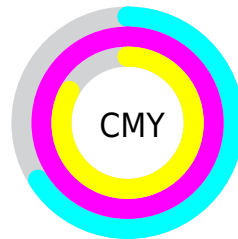
- Red (34%)
- Green (0%)
- Blue (17%)



- Red (34%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (66%)



- Cyan (66%)
- Magenta (100%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283826220 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 4283826220 by changing the saturation by 10% instead.



 4283826220

 4283826220

 4294964735

 4282122264

 4287379801

 4280614913

 4289221234

 4278190080

 4291062923

 4292970150

 4294877633

 4294950108

 4294957561

 4283826220

■ 4283828528

■ 4283830580

■ 4283832889

■ 4283834941

■ 4283837249

■ 4283839557

■ 4283841609

■ 4283843918

■ 4283845970

# Harmonies

## Analogous

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



4282782023



4283826220



4283827984

# Triad

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



4283826220



4279971328



4278202967

# Complementary

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



4283826220



4278212138

# 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.



4278203457



4283826220



4278202885

# Square

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



4283826220



4281673472



4278203429



4278201696

# Rectangle

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



4283826220



4283372544



4278203429



4278203217



# Sweetspot

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



4283826220



4285550432



4280942678



4281869358



4290295992



4281874488



# Same Dimension

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



4283826220



4285530169



4283826177



4281018153



4285202487



4293591160



# Inverse Universe

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



4283826220



4285530169



4278212181



4281018153



4285202487

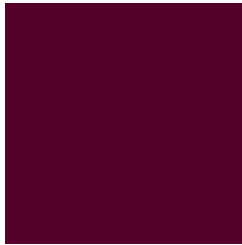


4293591160



# Previews

## White Background



This preview shows how the Android color 4283826220 looks on a white background.

## Color Contrast Check

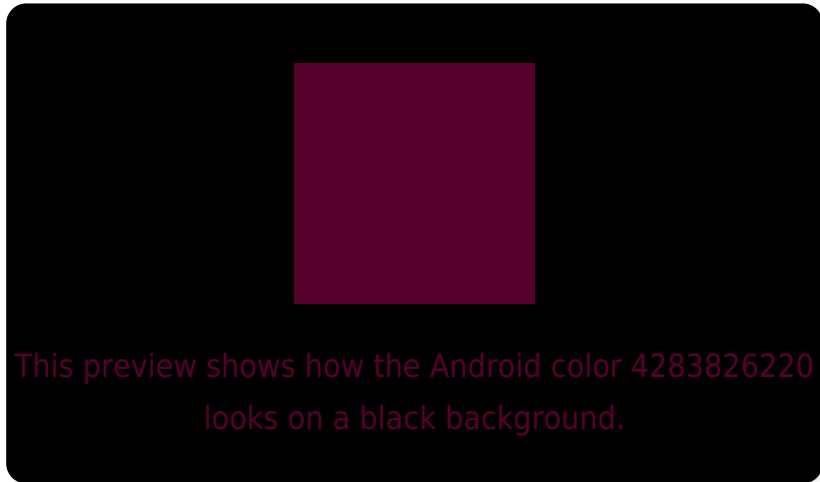
Large Text (above 18pt) WCAG AA ✓ Pass

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

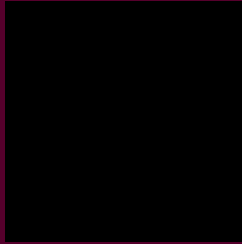
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4283826220 Background



This preview shows how black text looks on a background with the Android color 4283826220.



This preview shows how white text looks on a background with the Android color 4283826220.

# 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**  
4283826220

**Protanopia**  
4280757312

**Deuteranopia**  
4281543464



# Trichromacy



**Original Color**  
4283826220

**Protanomaly**  
4281867321

**Deuteranomaly**  
4282391337

**Tritanomaly**  
4283763483

# Monochromacy



**Original Color**  
4283826220

**Achromatopsia**  
4280229663

**Achromatomaly**  
4281537572

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283826220 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(86, 0, 44)` looks like.

```
.text, #text, p{  
    color:rgb(86, 0, 44)  
}
```

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(86, 0, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 0, 44) }
```

## Border

The CSS property to change the border of an element to Android 4283826220 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(86, 0, 44) }
```

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

```
.border{ border-color:rgb(86, 0, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 0, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 0, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(86, 0, 44); box-shadow:4px  
4px 4px 4px rgb(86, 0, 44) }
```

# Background

The CSS property to change the background color of an element to Android 4283826220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 0, 44) }
```

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

```
.background{ background-color: rgb(86, 0,  
44) }
```

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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