

# Converting Colors

Android(4283760756)

Have a look what the booklet for  
Android(4283760756) contains.

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**Color**

**Android(4283760756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	550074
RGB	85, 0, 116
RGB Percent	33%, 0%, 45%
CMY	0.6667, 1.0000, 0.5451
CMYK	0.27, 1.00, 0.00, 0.55
HSL	284°, 100%, 23%
HSV	284°, 100%, 45%
XYZ	6.8987, 3.1922, 16.7756
YIQ	38.6390, 13.4240, 54.0960

# Conversions

## Conversions Part 2

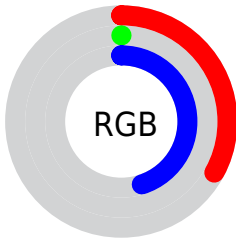
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 0, 116
Decimal	5570676
CIELab	20.80, 49.96, -43.77
CIElCh	21, 66.420, 318.773
Yxy	3.1922, 0.2568, 0.1188
Android (android.graphics.Color)	4283760756 (0xFF550074)
YUV	38.6390, 38.1390, 40.6586
Hunter-Lab	17.8669, 37.6548, -43.1618

# Details

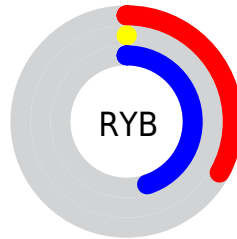
The Android color **4283760756** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4280251392**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4287315625**, and **4280549443** is the 20% darker color. If you saturate the color by 10%, you get **4283760756**, and if you desaturate by 10%, it is **4283960436**.

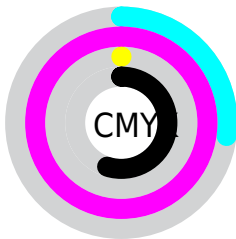
# Distribution



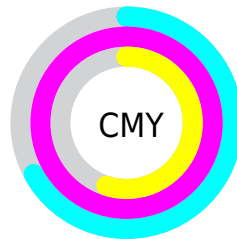
- Red (33%)
- Green (0%)
- Blue (45%)



- Red (33%)
- Yellow (0%)
- Blue (45%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (67%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283760756 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 4283760756 by changing the saturation by 10% instead.



 4283760756

 4283760756

4294967039

 4282056795

 4287315625

 4280549443

 4289157316

 4278190124

 4290999009

 4278190358

 4292906494

 4278190080

 4294813951

 4294952191

 4294959615

 4283760756

■ 4283960436

■ 4284159860

■ 4284359540

■ 4284558964

■ 4284758644

■ 4285023860

■ 4285223284

■ 4285422964

■ 4285622388

# Harmonies

## Analogous

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



4278202258



4283760756



4286251079

# Triad

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



4283760756



4283312640



4278207569

# Complementary

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



4283760756



4280251392

# 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.



4278207005



4283760756



4280301824

# Square

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



4283760756



4285399040



4278206208



4278207357

# Rectangle

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



4283760756



4286644263



4278206208



4278207296



# Sweetspot

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



4283760756



4287261078



4278198644



4282724685



4291611852



4283256141



# Same Dimension

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



4283760756



4285399190



4285792347



4281939259



4284088442



4290183418



# Inverse Universe

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



4285792287



4288020520



4278219801



4282070326



4286185505



4294574147



# Previews

## White Background



This preview shows how the Android color 4283760756 looks on a white background.

## Color Contrast Check

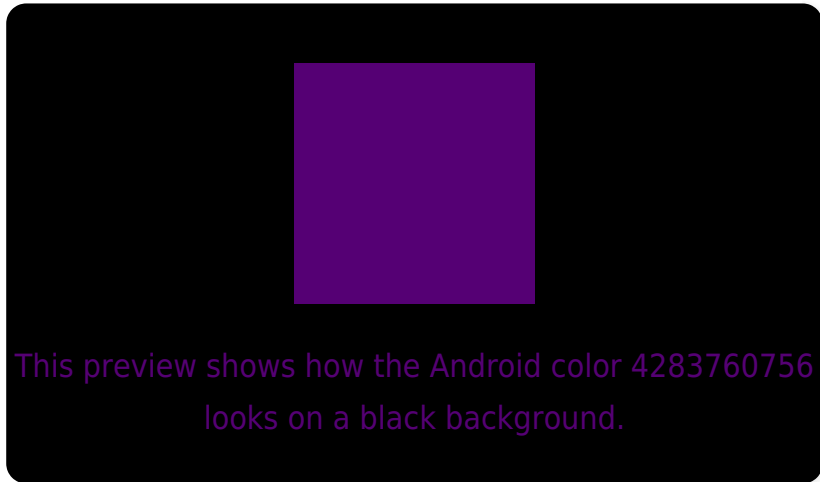
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283760756 Background



This preview shows how black text looks on a background with the Android color 4283760756.



This preview shows how white text looks on a background with the Android color 4283760756.

# 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**  
4283760756

**Protanopia**  
4278203501

**Deuteranopia**  
4278204255



# Trichromacy



**Original Color**  
4283760756

**Protanomaly**  
4280230256

**Deuteranomaly**  
4280230759

**Tritanomaly**  
4283309385

# Monochromacy



**Original Color**  
4283760756

**Achromatopsia**  
4280756007

**Achromatomaly**  
4281866563

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283760756 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(85, 0, 116)` looks like.

```
.text, #text, p{  
    color:rgb(85, 0, 116)  
}
```

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(85, 0, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 0, 116) }
```

## Border

The CSS property to change the border of an element to Android 4283760756 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(85, 0, 116) }
```

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

```
.border{ border-color:rgb(85, 0, 116) }
```

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

Here you see how a box with a 4 pixel rgb(85, 0, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 0, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 0, 116);  
box-shadow:4px 4px 4px 4px rgb(85, 0, 116)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283760756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 0, 116) }
```

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

```
.background{ background-color: rgb(85, 0,  
116) }
```

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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