

# Converting Colors

Android(4286590256)

Have a look what the booklet for  
Android(4286590256) contains.

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# Color

**Android(4286590256)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	802D30
RGB	128, 45, 48
RGB Percent	50%, 18%, 19%
CMY	0.4980, 0.8235, 0.8118
CMYK	0.00, 0.65, 0.62, 0.50
HSL	358°, 48%, 34%
HSV	358°, 65%, 50%
XYZ	10.3740, 6.6794, 3.5388
YIQ	70.1590, 48.5050, 18.5290

# Conversions

## Conversions Part 2

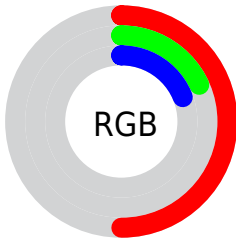
Format	Color
R <sub>Y</sub> B	128, 45, 48
Decimal	8400176
CIE Lab	31.07, 36.08, 17.32
CIE LCh	31, 40.023, 25.645
Yxy	6.6794, 0.5038, 0.3244
Android (android.graphics.Color)	4286590256 (0xFF802D30)
YUV	70.1590, -10.9244, 50.7266
Hunter-Lab	25.8445, 26.4221, 9.9728

# Details

The Android color **4286590256** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4281172093**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4290338654**, and **4283039745** is the 20% darker color. If you saturate the color by 10%, you get **4286586916**, and if you desaturate by 10%, it is **4286593596**.

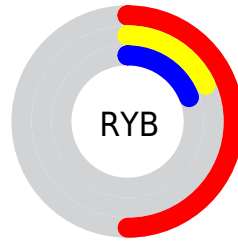
# Distribution



Red (50%)

Green (18%)

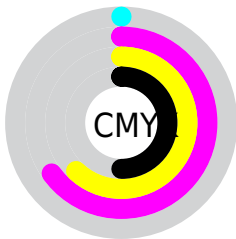
Blue (19%)



Red (50%)

Yellow (18%)

Blue (19%)

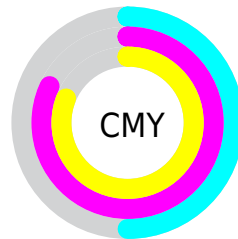


Cyan (0%)

Magenta (65%)

Yellow (62%)

Black (50%)



Cyan (50%)

Magenta (82%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286590256 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 4286590256 by changing the saturation by 10% instead.



4286590256

4286590256

4294967295

4284748571

4290338654

4283039745

4292245879

4281401345

4294218640

4278190080

4294946731

4294953670

4294961122

4286590256

4286590256

4286586916

4286593596

■ 4286583575

■ 4286596937

■ 4286580491

■ 4286600021

■ 4286578693

■ 4286603361

■ 4286606702

■ 4286610042

■ 4286613382

■ 4286616467

■ 4286619807

# Harmonies

## Analogous

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



4286458447



4286590256



4285741332

# Triad

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



4286590256



4279129380



4278210184

# Complementary

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



4286590256



4281172093

# 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.



4278211964



4286590256



4278212419

# Square

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



4286590256



4282273543



4278212707



4282401666

# Rectangle

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



4286590256



4284826117



4278212707



4278210950



# Sweetspot

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



4286590256



4289103495



4286328192



4283711809



4292138196



4283716692



# Same Dimension

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



4286590256



4289078313



4286599725



4282399034



4286578693



4278190080



# Inverse Universe

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



4286590256



4289078313



4281162624



4282399034



4286578693



4278190080



# Previews

## White Background



This preview shows how the Android color 4286590256 looks on a white background.

## Color Contrast Check

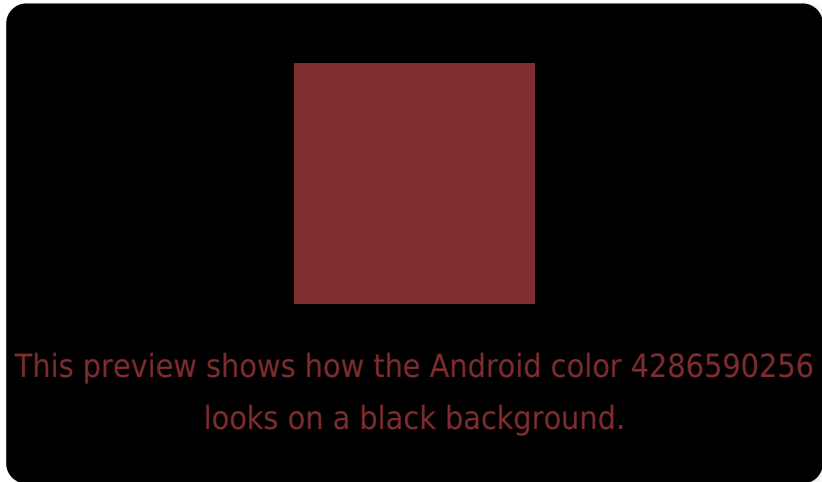
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286590256 Background



This preview shows how black text looks on a background with the Android color 4286590256.

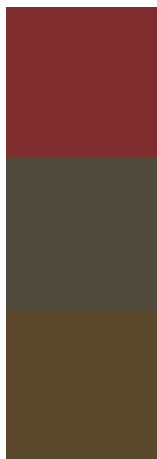


This preview shows how white text looks on a background with the Android color 4286590256.

# 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**

4286590256

**Protanopia**

4283386428

**Deuteranopia**

4284106540



# Trichromacy



**Original Color**  
4286590256

**Protanomaly**  
4284563256

**Deuteranomaly**  
4285021741

**Tritanomaly**  
4286590256

# Monochromacy



**Original Color**  
4286590256

**Achromatopsia**  
4282795590

**Achromatomaly**  
4284169534

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286590256 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(128, 45, 48)` looks like.

```
.text, #text, p{  
    color:rgb(128, 45, 48)  
}
```

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(128, 45, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 45, 48) }
```

## Border

The CSS property to change the border of an element to Android 4286590256 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(128, 45, 48) }
```

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

```
.border{ border-color:rgb(128, 45, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 45, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 45, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 45, 48);  
box-shadow:4px 4px 4px 4px rgb(128, 45,  
48) }
```

# Background

The CSS property to change the background color of an element to Android 4286590256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 45, 48) }
```

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

```
.background{ background-color: rgb(128, 45,  
48) }
```

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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