

# Converting Colors

Android(4286129457)

Have a look what the booklet for  
Android(4286129457) contains.

<b>Android(4286129457)</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(4286129457)**

# Conversions

Conversions Part 1	
Format	Color
Hex	792531
RGB	121, 37, 49
RGB Percent	47%, 15%, 19%
CMY	0.5255, 0.8549, 0.8078
CMYK	0.00, 0.69, 0.60, 0.53
HSL	351°, 53%, 31%
HSV	351°, 69%, 47%
XYZ	9.1011, 5.6098, 3.5089
YIQ	63.4840, 46.2120, 21.5400

# Conversions

## Conversions Part 2

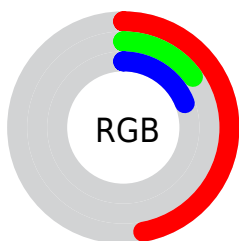
Format	Color
<a href="#">RYB</a>	<a href="#">121, 37, 49</a>
Decimal	<a href="#">7939377</a>
CIELab	<a href="#">28.41, 37.34, 12.92</a>
CIELCh	<a href="#">28, 39.513, 19.081</a>
Yxy	<a href="#">5.6098, 0.4995, 0.3079</a>
Android (android.graphics.Color)	<a href="#">4286129457</a> (0xFF792531)
YUV	<a href="#">63.4840, -7.1406, 50.4415</a>
Hunter-Lab	<a href="#">23.6851, 27.1405, 7.7960</a>

# Details

The Android color **4286129457** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4280645997**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4289877855**, and **4282580994** is the 20% darker color. If you saturate the color by 10%, you get **4286126375**, and if you desaturate by 10%, it is **4286132539**.

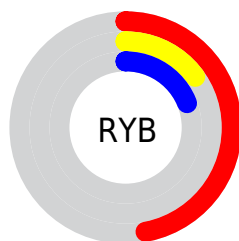
# Distribution



Red (47%)

Green (15%)

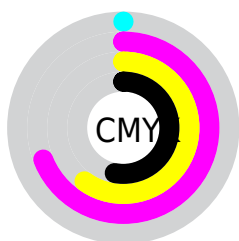
Blue (19%)



Red (47%)

Yellow (15%)

Blue (19%)

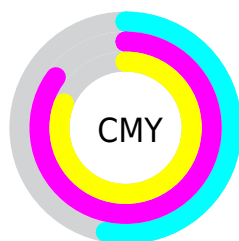


Cyan (0%)

Magenta (69%)

Yellow (60%)

Black (53%)



Cyan (53%)

Magenta (85%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286129457 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 4286129457 by changing the saturation by 10% instead.



 4286129457


 4286129457

4294967295

 4284352540

 4289877855

 4282580994

 4291785080

 4281008129

 4293692305

 4278190080

 4294944684

 4294951623

 4294959075

 4294966527

 4286129457

 4286129457

 4286126375

 4286132539

 4286123292

 4286135622

 4286120210

 4286138704

 4286119953

 4286141786

 4286145125

 4286148207

 4286151290

 4286154372

 4286157454

# Harmonies

## Analogous

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



4285801807



4286129457



4285477141

# Triad

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



4286129457



4279717144



4278209151

# Complementary

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



4286129457



4280645997

# 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.



4278210417



4286129457



4278210614

# Square

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



4286129457



4282337024



4278210902



4281024637

# Rectangle

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



4286129457



4284627460



4278210902



4278209660



# Sweetspot

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



4286129457



4288576898



4285277561



4283382590



4291809231



4283387727



# Same Dimension

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



4286129457



4288551726



4286136869



4282201912



4286382098



4294705188



# Inverse Universe

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



4286129457



4288551726



4280638585



4282201912



4286382098

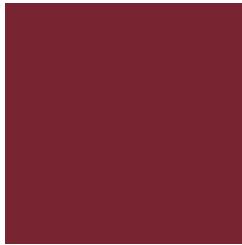


4294705188



# Previews

## White Background



This preview shows how the Android color 4286129457 looks on a white background.

## Color Contrast Check

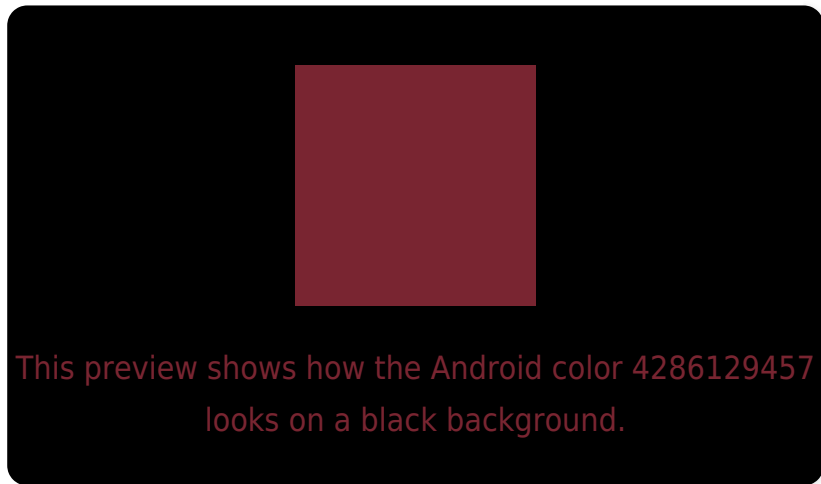
Large Text (above 18pt) WCAG AA ✓ Pass

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

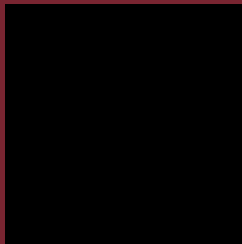
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4286129457 Background



This preview shows how black text looks on a background with the Android color 4286129457.



This preview shows how white text looks on a background with the Android color 4286129457.

# 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**

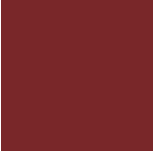
4286129457

**Protanopia**

4282860607

**Deuteranopia**

4283580717



**Tritanopia**  
4286129961

# Trichromacy



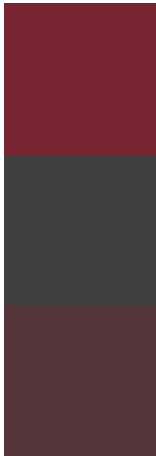
**Original Color**  
4286129457

**Protanomaly**  
4284037434

**Deuteranomaly**  
4284495662

**Tritanomaly**  
4286129708

# Monochromacy



**Original Color**  
4286129457

**Achromatopsia**  
4282335039

**Achromatomaly**  
4283708986

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286129457 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(121, 37, 49)` looks like.

```
.text, #text, p{  
    color:rgb(121, 37, 49)  
}
```

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(121, 37, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 37, 49) }
```

## Border

The CSS property to change the border of an element to Android 4286129457 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(121, 37, 49) }
```

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

```
.border{ border-color:rgb(121, 37, 49) }
```

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

Here you see how a box with a 4 pixel rgb(121, 37, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 37, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 37, 49);  
box-shadow:4px 4px 4px 4px rgb(121, 37,  
49) }
```

# Background

The CSS property to change the background color of an element to Android 4286129457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(121, 37, 49) }
```

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

```
.background{ background-color:rgb(121, 37,  
49) }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor