

# Converting Colors

Android(4284678937)

Have a look what the booklet for  
Android(4284678937) contains.

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# Color

**Android(4284678937)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	630319
RGB	99, 3, 25
RGB Percent	39%, 1%, 10%
CMY	0.6118, 0.9882, 0.9020
CMYK	0.00, 0.97, 0.75, 0.61
HSL	346°, 94%, 20%
HSV	346°, 97%, 39%
XYZ	5.3536, 2.7880, 1.1757
YIQ	34.2120, 50.1540, 27.1940

# Conversions

## Conversions Part 2

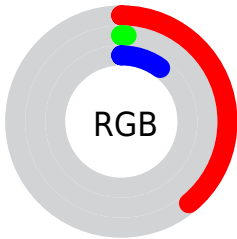
Format	Color
<a href="#">RYB</a>	<a href="#">99, 3, 25</a>
Decimal	<a href="#">6488857</a>
CIELab	<a href="#">19.17, 40.05, 16.44</a>
CIELCh	<a href="#">19, 43.295, 22.316</a>
Yxy	<a href="#">2.7880, 0.5746, 0.2992</a>
Android (android.graphics.Color)	<a href="#">4284678937 (0xFF630319)</a>
YUV	<a href="#">34.2120, -4.5415, 56.8191</a>
Hunter-Lab	<a href="#">16.6972, 28.0124, 7.5134</a>

# Details

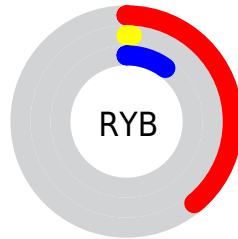
The Android color **4284678937** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **4278412109**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4288429380**, and **4281270274** is the 20% darker color. If you saturate the color by 10%, you get **4284678167**, and if you desaturate by 10%, it is **4284681505**.

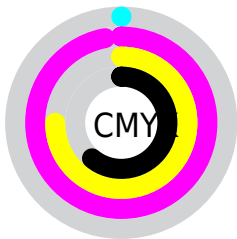
# Distribution



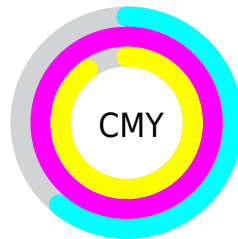
- Red (39%)
- Green (1%)
- Blue (10%)



- Red (39%)
- Yellow (1%)
- Blue (10%)



- Cyan (0%)
- Magenta (97%)
- Yellow (75%)
- Black (61%)



- Cyan (61%)
- Magenta (99%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284678937 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 4284678937 by changing the saturation by 10% instead.



 4284678937

 4284678937

 4294966267

 4282908672

 4288429380

 4281270274

 4290336347

 4278190080

 4292243572

 4294216589

 4294944424

 4294951619

 4294958815

 4284678937

 4284678937

■ 4284678167

■ 4284681505

■ 4284684072

■ 4284686640

■ 4284689208

■ 4284691775

■ 4284694087

■ 4284696654

■ 4284699222

■ 4284701790

# Harmonies

## Analogous

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



4284547128



4284678937



4283898624

# Triad

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



4284678937



4278204672



4278203758

# Complementary

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



4284678937



4278412109

# 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.



4278205024



4284678937



4278205221

# Square

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



4284678937



4280562688



4278205510



4279183978

# Rectangle

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



4284678937



4282983936



4278205510



4278204267



# Sweetspot

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



4284678937



4286602083



4283237219



4282394927



4290756543



4282400832



# Same Dimension

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



4284678937



4286578717



4284685571



4281347117



4285530138



4293918775



# Inverse Universe

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



4284678937



4286578717



4278405475



4281347117



4285530138

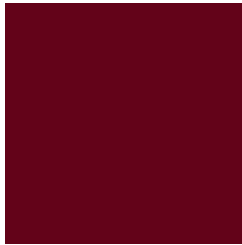


4293918775



# Previews

## White Background



This preview shows how the Android color 4284678937 looks on a white background.

## Color Contrast Check

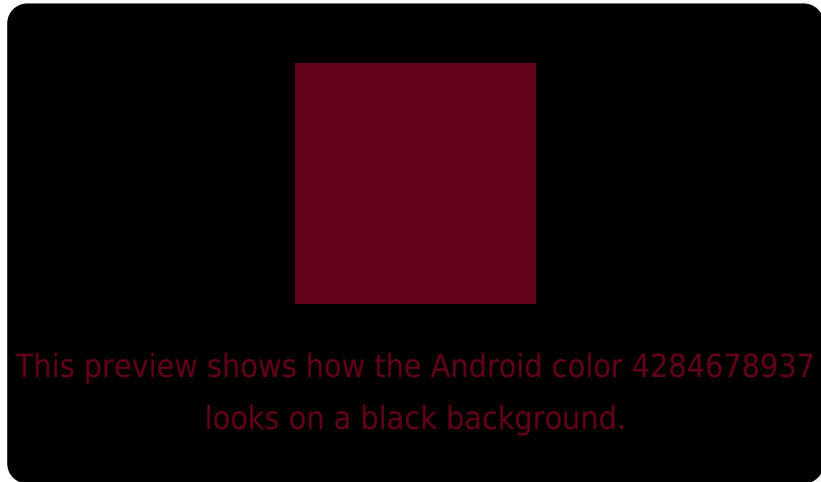
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284678937 Background



This preview shows how black text looks on a background with the Android color 4284678937.



This preview shows how white text looks on a background with the Android color 4284678937.

# 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



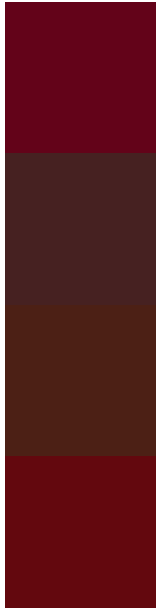
**Original Color**  
4284678937

**Protanopia**  
4281741862

**Deuteranopia**  
4282331155



# Trichromacy



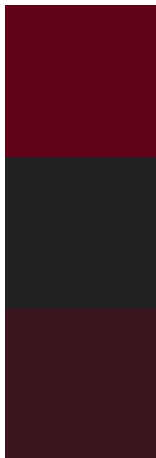
**Original Color**  
4284678937

**Protanomaly**  
4282786081

**Deuteranomaly**  
4283179029

**Tritanomaly**  
4284680206

# Monochromacy



**Original Color**  
4284678937

**Achromatopsia**  
4280427042

**Achromatomaly**  
4281997087

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284678937 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(99, 3, 25)` looks like.

```
.text, #text, p{  
    color:rgb(99, 3, 25)  
}
```

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(99, 3, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 3, 25) }
```

## Border

The CSS property to change the border of an element to Android 4284678937 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(99, 3, 25) }
```

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

```
.border{ border-color:rgb(99, 3, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 3, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 3, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 3, 25); box-shadow:4px  
4px 4px 4px rgb(99, 3, 25) }
```

# Background

The CSS property to change the background color of an element to Android 4284678937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 3, 25) }
```

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

```
.background{ background-color: rgb(99, 3,  
25) }
```

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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