

# Converting Colors

Android(4284702003)

Have a look what the booklet for  
Android(4284702003) contains.

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**Color**

**Android(4284702003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635D33
RGB	99, 93, 51
RGB Percent	39%, 36%, 20%
CMY	0.6118, 0.6353, 0.8000
CMYK	0.00, 0.06, 0.48, 0.61
HSL	52°, 32%, 29%
HSV	52°, 48%, 39%
XYZ	9.6575, 10.7204, 4.6922
YIQ	90.0060, 17.0580, -11.7900

# Conversions

## Conversions Part 2

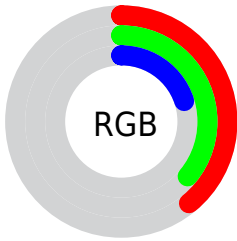
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 99, 51
Decimal	6511923
CIELab	39.11, -4.21, 24.89
CIELCh	39, 25.243, 99.594
Yxy	10.7204, 0.3852, 0.4276
Android (android.graphics.Color)	4284702003 (0xFF635D33)
YUV	90.0060, -19.2300, 7.8877
Hunter-Lab	32.7420, -4.6486, 14.4226

# Details

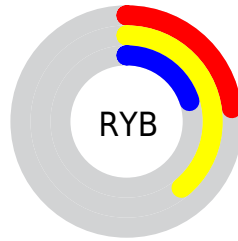
The Android color `4284702003` is a dark color, and the websafe version is hex `666633`. A complement of this color would be `4281547107`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4288122722`, and `4281544453` is the 20% darker color. If you saturate the color by 10%, you get `4284701737`, and if you desaturate by 10%, it is `4284702269`.

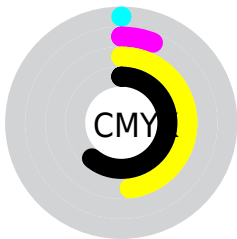
# Distribution



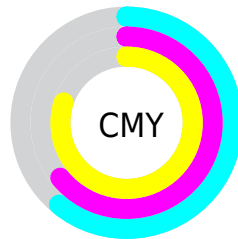
- Red (39%)
- Green (36%)
- Blue (20%)



- Red (23%)
- Yellow (39%)
- Blue (20%)



- Cyan (0%)
- Magenta (6%)
- Yellow (48%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284702003 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 4284702003 by changing the saturation by 10% instead.





4284702003



4284702003

4294967295



4283057693



4288122722



4281544453



4289899132



4280097536



4291741078



4278190080



4293583280



4294966732



4294967272



4284702003



4284702003



4284701737



4284702269

■ 4284701471

■ 4284702535

■ 4284700949

■ 4284703057

■ 4284700683

■ 4284703323

■ 4284700418

■ 4284703589

■ 4284700416

■ 4284703854

■ 4284704376

■ 4284704642

■ 4284704908

# Harmonies

## Analogous

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



4285879862



4284702003



4283261756

# Triad

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



4284702003



4278216310



4286271083

# Complementary

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



4284702003



4281547107

# 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.



4284961916



4284702003



4280509058

# Square

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



4284702003



4279330658



4282997892



4286860374

# Rectangle

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



4284702003



4282148167



4282997892



4285943921



# Sweetspot

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



4284702003



4286610796



4284691257



4282400308



4290756543



4282400832



# Same Dimension

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



4284702003



4286608950



4283523891



4281348140



4285555200



4293972480



# Inverse Universe

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



4281547107



4281745280



4282725219



4281084976



4278193776



4278198000



# Previews

## White Background



This preview shows how the Android color 4284702003 looks on a white background.

## Color Contrast Check

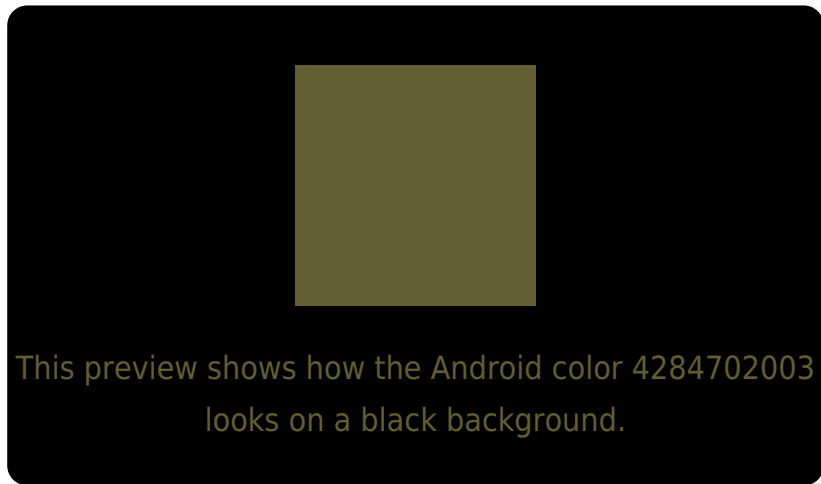
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4284702003 Background



This preview shows how black text looks on a background with the Android color 4284702003.

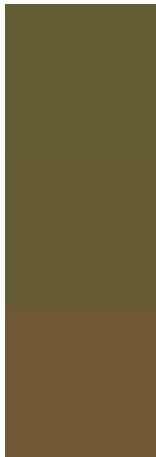


This preview shows how white text looks on a background with the Android color 4284702003.

# 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**  
4284702003

**Protanopia**  
4284832819

**Deuteranopia**  
4285552692



**Tritanopia**  
4284962911

# Trichromacy



**Original Color**

4284702003

**Protanomaly**

4284767283

**Deuteranomaly**

4285225524

**Tritanomaly**

4284897871

# Monochromacy



**Original Color**

4284702003

**Achromatopsia**

4284111450

**Achromatomaly**

4284308300

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284702003 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, 93, 51)` looks like.

```
.text, #text, p{  
    color:rgb(99, 93, 51)  
}
```

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, 93, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 93, 51) }
```

## Border

The CSS property to change the border of an element to Android 4284702003 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, 93, 51) }
```

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

```
.border{ border-color:rgb(99, 93, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 93, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 93, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 93, 51);  
box-shadow:4px 4px 4px 4px rgb(99, 93, 51)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284702003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 93, 51) }
```

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

```
.background{ background-color: rgb(99, 93,  
51) }
```

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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