

# Converting Colors

Android(4282225757)

Have a look what the booklet for  
Android(4282225757) contains.

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# Color

**Android(4282225757)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D945D
RGB	61, 148, 93
RGB Percent	24%, 58%, 36%
CMY	0.7608, 0.4196, 0.6353
CMYK	0.59, 0.00, 0.37, 0.42
HSL	142°, 42%, 41%
HSV	142°, 59%, 58%
XYZ	14.4902, 22.9622, 14.0244
YIQ	115.7170, -34.1970, -35.5490

# Conversions

## Conversions Part 2

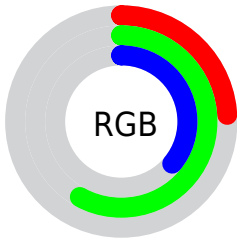
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 125, 148
Decimal	4035677
CIELab	55.03, -39.07, 21.47
CIELCh	55, 44.583, 151.215
Yxy	22.9622, 0.2815, 0.4461
Android (android.graphics.Color)	4282225757 (0xFF3D945D)
YUV	115.7170, -11.1995, -47.9868
Hunter-Lab	47.9189, -29.8816, 16.1909

# Details

The Android color `4282225757` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287905140`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4285844368`, and `4278214702` is the 20% darker color. If you saturate the color by 10%, you get `4281242708`, and if you desaturate by 10%, it is `4283208806`.

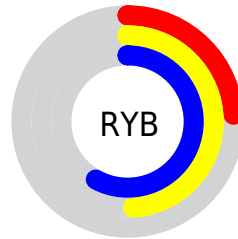
# Distribution



Red (24%)

Green (58%)

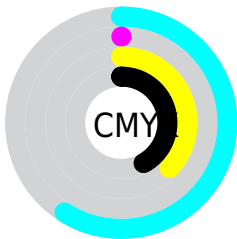
Blue (36%)



Red (24%)

Yellow (49%)

Blue (58%)

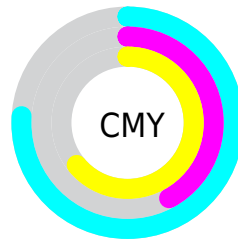


Cyan (59%)

Magenta (0%)

Yellow (37%)

Black (42%)



Cyan (76%)

Magenta (42%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282225757 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 4282225757 by changing the saturation by 10% instead.





4282225757



4282225757

4294967295



4280187461



4285844368



4278214702



4287686570



4278208536



4289527750



4278202368



4291362786



4278196736



4293263359



4278190080



4282225757



4282225757



4281242708



4283208806



4280259658



4284191856

 4279342145

 4285109369

 4278359096

 4286092418

 4278228022

 4287075468

 4288058517

 4289041566

 4289959080

 4290942129

# Harmonies

## Analogous

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



4285631807



4282225757



4278228868

# Triad

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



4282225757



4282157009



4291389278

# Complementary

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



4282225757



4287905140

# 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.



4291453572



4282225757



4287134150

# Square

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



4282225757



4278227399



4290013866



4290212928

# Rectangle

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



4282225757



4278228894



4290013866



4291585130



# Sweetspot

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



4282225757



4288528297



4285830205



4283195731



4292927712



4284572001



# Same Dimension

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



4282225757



4281843561



4282225800



4282600005



4278225459



4278192644



# Inverse Universe

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



4287905140



4290721677



4287905097



4283056967



4287234135



4278845446



# Previews

## White Background



This preview shows how the Android color 4282225757 looks on a white background.

## Color Contrast Check

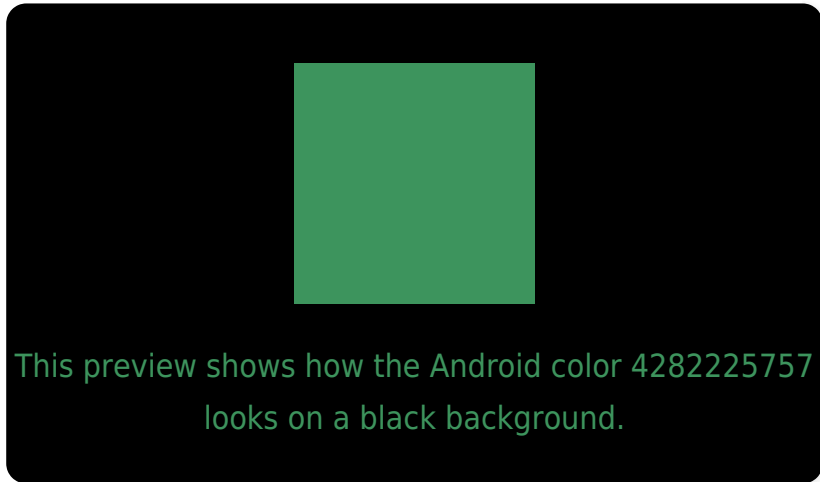
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



# Android 4282225757 Background



This preview shows how black text looks on a background with the Android color 4282225757.



This preview shows how white text looks on a background with the Android color 4282225757.

# 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





# Trichromacy



**Original Color**  
4282225757

**Protanomaly**  
4285630809

**Deuteranomaly**  
4286088800

**Tritanomaly**  
4282945667

# Monochromacy



**Original Color**  
4282225757

**Achromatopsia**  
4285822068

**Achromatomaly**  
4284514412

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282225757 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(61, 148, 93)` looks like.

```
.text, #text, p{  
    color:rgb(61, 148, 93)  
}
```

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(61, 148, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 148, 93) }
```

## Border

The CSS property to change the border of an element to Android 4282225757 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(61, 148, 93) }
```

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

```
.border{ border-color:rgb(61, 148, 93) }
```

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

Here you see how a box with a 4 pixel rgb(61, 148, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 148, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 148, 93);  
box-shadow:4px 4px 4px 4px rgb(61, 148,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4282225757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 148, 93) }
```

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

```
.background{ background-color: rgb(61, 148,  
93) }
```

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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