

# Converting Colors

Android(4282755904)

Have a look what the booklet for  
Android(4282755904) contains.

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# **Color**

**Android(4282755904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45AB40
RGB	69, 171, 64
RGB Percent	27%, 67%, 25%
CMY	0.7294, 0.3294, 0.7490
CMYK	0.60, 0.00, 0.63, 0.33
HSL	117°, 46%, 46%
HSV	117°, 63%, 67%
XYZ	17.9426, 30.7612, 9.8423
YIQ	128.3040, -26.4450, -54.9010

# Conversions

## Conversions Part 2

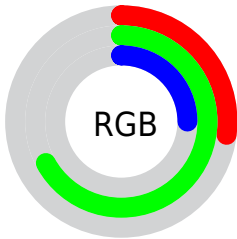
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 171, 166
Decimal	4565824
CIELab	62.31, -50.70, 45.25
CIELCh	62, 67.955, 138.249
Yxy	30.7612, 0.3065, 0.5254
Android (android.graphics.Color)	4282755904 (0xFF45AB40)
YUV	128.3040, -31.7019, -52.0096
Hunter-Lab	55.4628, -39.3140, 28.3024

# Details

The Android color `4282755904` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4289085611`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4286571380`, and `4278220294` is the 20% darker color. If you saturate the color by 10%, you get `4281707311`, and if you desaturate by 10%, it is `4283804497`.

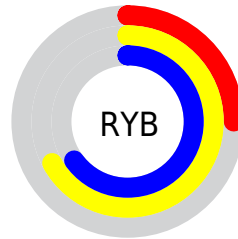
# Distribution



Red (27%)

Green (67%)

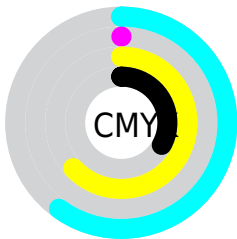
Blue (25%)



Red (25%)

Yellow (67%)

Blue (65%)

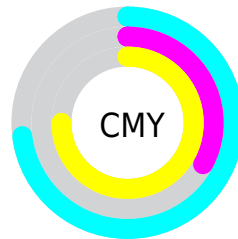


Cyan (60%)

Magenta (0%)

Yellow (63%)

Black (33%)



Cyan (73%)

Magenta (33%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282755904 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 4282755904 by changing the saturation by 10% instead.



 4282755904

 4282755904

4294967295

 4280520742

 4286571380

 4278220294

 4288479118

 4278213632

 4290379690

 4278207232

 4292280261

 4278201600


 4294246370

 4278193920

 4278190080

 4282755904

 4282755904

 4281707311

 4283804497

■ 4280593182

■ 4284918626

■ 4279544589

■ 4285967219

■ 4278758144

■ 4287015812

■ 4288129941

■ 4289178535

■ 4290227128

■ 4291275721

■ 4292389850

# Harmonies

## Analogous

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



4287733507



4282755904



4278235516

# Triad

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



4282755904



4278232319



4294925429

# Complementary

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



4282755904



4289085611

# 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.



4294401457



4282755904



4284781055

# Square

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



4282755904



4278235120



4291261928



4293947965

# Rectangle

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



4282755904



4278236070



4291261928



4294924680



# Sweetspot

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



4282755904



4290174644



4289439296



4283986006



4293980400



4285558896



# Same Dimension

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



4282755904



4282375735



4282428272



4283324238



4278687232



4278261504



# Inverse Universe

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



4289085611



4292229086



4289413243



4283846231



4287561878



4279631895



# Previews

## White Background



This preview shows how the Android color 4282755904 looks on a white background.

## Color Contrast Check

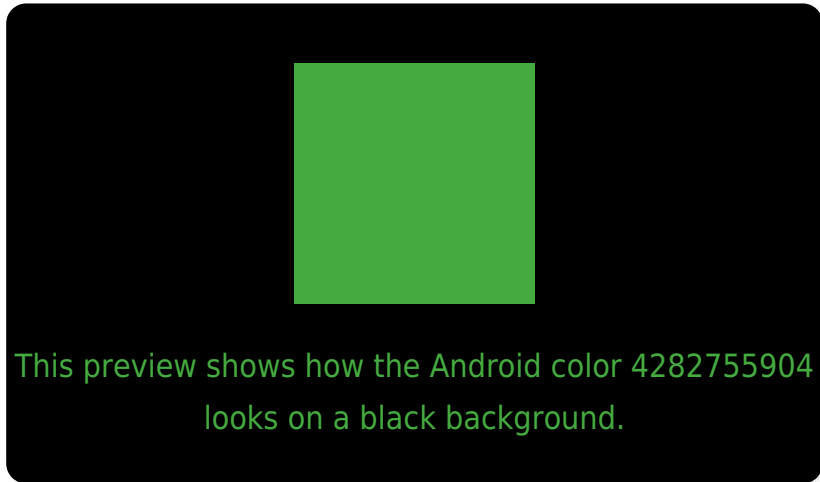
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Android 4282755904 Background



This preview shows how black text looks on a background with the Android color 4282755904.



This preview shows how white text looks on a background with the Android color 4282755904.

# 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**

4282755904



**Protanomaly**

4286815804



**Deuteranomaly**

4287535430



**Tritanomaly**

4283802757

# Monochromacy



**Original Color**

4282755904



**Achromatopsia**

4286611584



**Achromatomaly**

4285239401

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282755904 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(69, 171, 64)` looks like.

```
.text, #text, p{  
    color:rgb(69, 171, 64)  
}
```

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(69, 171, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 171, 64) }
```

## Border

The CSS property to change the border of an element to Android 4282755904 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(69, 171, 64) }
```

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

```
.border{ border-color:rgb(69, 171, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 171, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 171, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 171, 64);  
box-shadow:4px 4px 4px 4px rgb(69, 171,  
64) }
```

# Background

The CSS property to change the background color of an element to Android 4282755904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 171, 64) }
```

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

```
.background{ background-color: rgb(69, 171,  
64) }
```

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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