

# Converting Colors

Android(4282275123)

Have a look what the booklet for  
Android(4282275123) contains.

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# Color

**Android(4282275123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E5533
RGB	62, 85, 51
RGB Percent	24%, 33%, 20%
CMY	0.7569, 0.6667, 0.8000
CMYK	0.27, 0.00, 0.40, 0.67
HSL	101°, 25%, 27%
HSV	101°, 40%, 33%
XYZ	5.8326, 7.7601, 4.3224
YIQ	74.2470, -2.7940, -15.4500

# Conversions

## Conversions Part 2

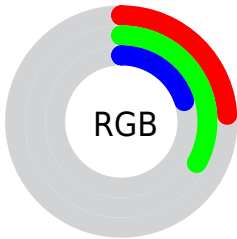
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 85, 74
Decimal	4085043
CIELab	33.48, -16.05, 17.08
CIELCh	33, 23.439, 133.219
Yxy	7.7601, 0.3256, 0.4332
Android (android.graphics.Color)	4282275123 (0xFF3E5533)
YUV	74.2470, -11.4608, -10.7406
Hunter-Lab	27.8570, -11.3759, 10.3003

# Details

The Android color `4282275123` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4283052885`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4285433698`, and `4279445510` is the 20% darker color. If you saturate the color by 10%, you get `4281881898`, and if you desaturate by 10%, it is `4282668347`.

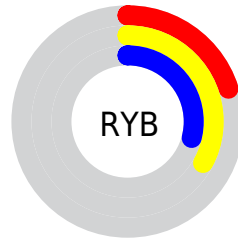
# Distribution



Red (24%)

Green (33%)

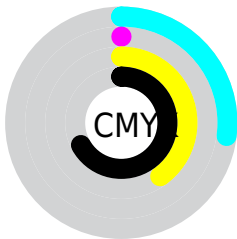
Blue (20%)



Red (20%)

Yellow (33%)

Blue (29%)

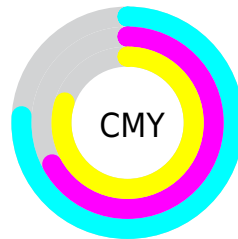


Cyan (27%)

Magenta (0%)

Yellow (40%)

Black (67%)



Cyan (76%)

Magenta (67%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282275123 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 4282275123 by changing the saturation by 10% instead.



 4282275123

 4282275123

4294967295

 4280761885

 4285433698

 4279445510

 4287144315

 4278195200

 4288855189

 4278190080


 4290697391

 4292539595

 4294377447

 4282275123

 4282275123

 4281881898

 4282668347

■ 4281488674

■ 4283061572

■ 4281160985

■ 4283389261

■ 4280767761

■ 4283782485

■ 4280374536

■ 4284175710

■ 4279981312

■ 4284503398

■ 4284896622

■ 4285289847

■ 4285683071

# Harmonies

## Analogous

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



4283650090



4282275123



4280703043

# Triad

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



4282275123



4280177778



4285743175

# Complementary

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



4282275123



4283052885

# 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.



4285284698



4282275123



4282470003

# Square

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



4282275123



4278212456



4284172138



4285482038

# Rectangle

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



4282275123



4279261520



4284172138



4285677645



# Sweetspot

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



4282275123



4284837472



4283779635



4281546800



4290295992



4281874488



# Same Dimension

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



4282275123



4283067961



4281554233



4280822567



4280511232



4283230976



# Inverse Universe

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



4283052885



4284299630



4283773775



4280952619



4282908779

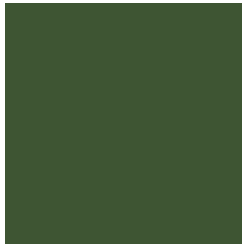


4288610539



# Previews

## White Background



This preview shows how the Android color 4282275123 looks on a white background.

## Color Contrast Check

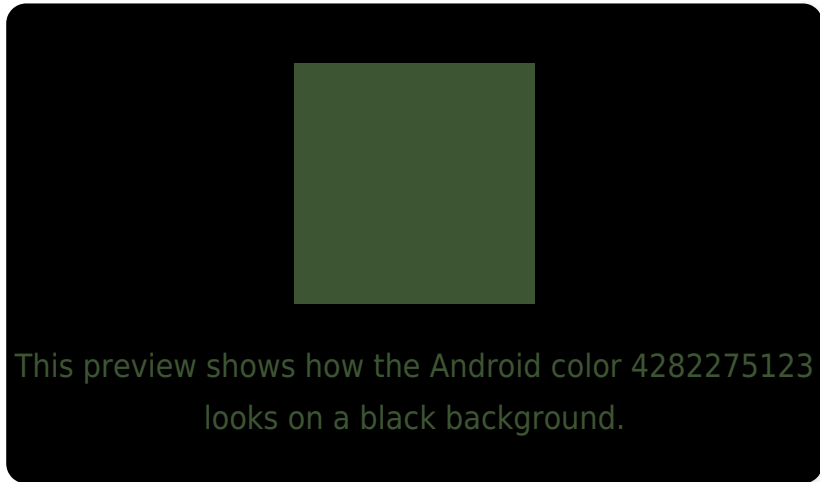
Large Text (above 18pt) WCAG AA ✓ Pass

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

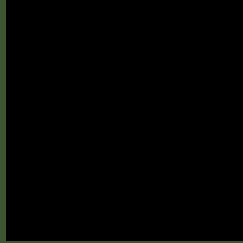
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282275123 Background



This preview shows how black text looks on a background with the Android color 4282275123.



This preview shows how white text looks on a background with the Android color 4282275123.

# 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](#).

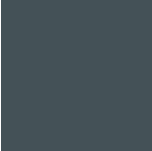
## Dichromacy



**Original Color**  
4282275123

**Protanopia**  
4283846448

**Deuteranopia**  
4284369717



**Tritanopia**  
4282667351

# Trichromacy



**Original Color**  
4282275123

**Protanomaly**  
4283257137

**Deuteranomaly**  
4283584308

**Tritanomaly**  
4282536522

# Monochromacy



**Original Color**  
4282275123

**Achromatopsia**  
4283058762

**Achromatomaly**  
4282797634

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282275123 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(62, 85, 51)` looks like.

```
.text, #text, p{  
    color:rgb(62, 85, 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(62, 85, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 85, 51) }
```

## Border

The CSS property to change the border of an element to Android 4282275123 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(62, 85, 51) }
```

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

```
.border{ border-color:rgb(62, 85, 51) }
```

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

Here you see how a box with a 4 pixel rgb(62, 85, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 85, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 85, 51);  
box-shadow:4px 4px 4px 4px rgb(62, 85, 51)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282275123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 85, 51) }
```

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

```
.background{ background-color: rgb(62, 85,  
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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