

# Converting Colors

Android(4282028609)

Have a look what the booklet for  
Android(4282028609) contains.

<b>Android(4282028609)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4282028609)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A9241
RGB	58, 146, 65
RGB Percent	23%, 57%, 25%
CMY	0.7725, 0.4275, 0.7451
CMYK	0.60, 0.00, 0.55, 0.43
HSL	125°, 43%, 40%
HSV	125°, 60%, 57%
XYZ	12.9779, 21.8390, 8.5324
YIQ	110.4540, -26.4470, -43.8470

# Conversions

## Conversions Part 2

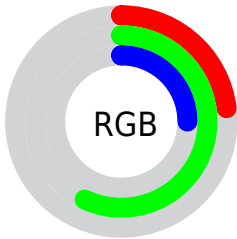
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 140, 146
Decimal	3838529
CIELab	53.86, -43.63, 34.86
CIELCh	54, 55.846, 141.381
Yxy	21.8390, 0.2994, 0.5038
Android (android.graphics.Color)	4282028609 (0xFF3A9241)
YUV	110.4540, -22.4088, -46.0022
Hunter-Lab	46.7322, -32.2103, 21.8874

# Details

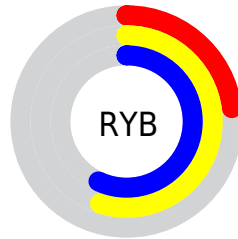
The Android color `4282028609` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4287773323`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4285712755`, and `4278214160` is the 20% darker color. If you saturate the color by 10%, you get `4281045556`, and if you desaturate by 10%, it is `4283011662`.

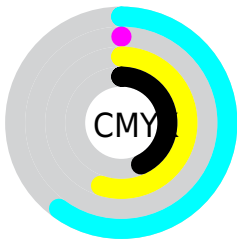
# Distribution



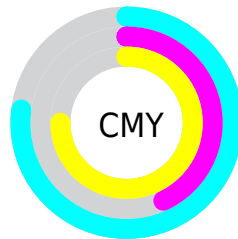
- Red (23%)
- Green (57%)
- Blue (25%)



- Red (23%)
- Yellow (55%)
- Blue (57%)



- Cyan (60%)
- Magenta (0%)
- Yellow (55%)
- Black (43%)



- Cyan (77%)
- Magenta (43%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282028609 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 4282028609 by changing the saturation by 10% instead.





4282028609



4282028609

4294967295



4279859241



4285712755



4278214160



4287554957



4278208000



4289396648



4278202112



4291231684



4278195712



4293197792



4278190080

4294967293



4282028609



4282028609



4281045556



4283011662

 4280128038

 4283929180

 4279144985

 4284912233

 4278227468

 4285829751

 4286812804

 4287795858

 4288713375

 4289696429

 4290613946

# Harmonies

## Analogous

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



4286089499



4282028609



4278228849

# Triad

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



4282028609



4278225632



4292302177

# Complementary

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



4282028609



4287773323

# 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.



4291843217



4282028609



4284971739

# Square

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



4282028609



4278228171



4289553853



4291192374

# Rectangle

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



4282028609



4278229138



4289553853



4292366960



# Sweetspot

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



4282028609



4288396701



4287402554



4283063883



4292796126



4284374622



# Same Dimension

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



4282028609



4281711936



4282028652



4282600003



4278225419



4278192641



# Inverse Universe

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



4287773323



4290590130



4287773280



4283056969



4287234175



4278845449



# Previews

## White Background



This preview shows how the Android color 4282028609 looks on a white background.

## Color Contrast Check

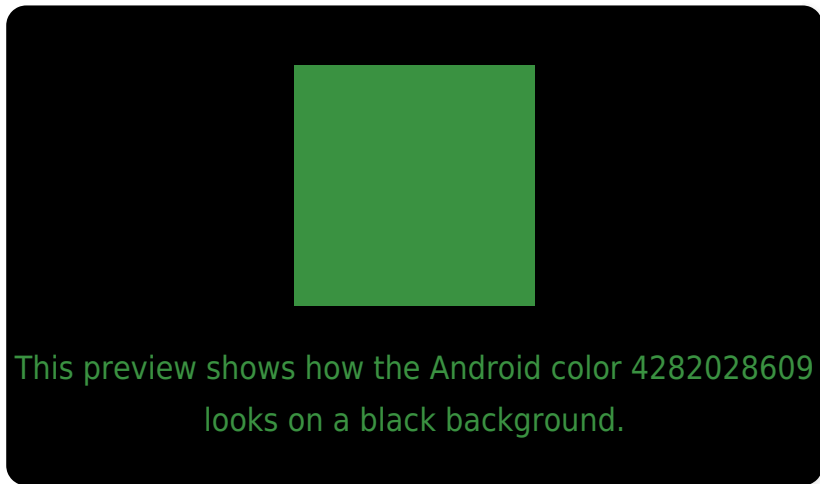
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282028609 Background



This preview shows how black text looks on a background with the Android color 4282028609.



This preview shows how white text looks on a background with the Android color 4282028609.

# 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**

4282028609



**Protanomaly**

4285499197



**Deuteranomaly**

4286088005



**Tritanomaly**

4282879094

# Monochromacy



**Original Color**

4282028609



**Achromatopsia**

4285427310



**Achromatomaly**

4284185438

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282028609 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(58, 146, 65)` looks like.

```
.text, #text, p{  
    color:rgb(58, 146, 65)  
}
```

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(58, 146, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 146, 65) }
```

## Border

The CSS property to change the border of an element to Android 4282028609 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(58, 146, 65) }
```

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

```
.border{ border-color:rgb(58, 146, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 146, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 146, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 146, 65);  
box-shadow:4px 4px 4px 4px rgb(58, 146,  
65) }
```

# Background

The CSS property to change the background color of an element to Android 4282028609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 146, 65) }
```

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

```
.background{ background-color: rgb(58, 146,  
65) }
```

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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