

Converting Colors

Android(4282034768)

Have a look what the booklet for
Android(4282034768) contains.

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Color

Android(4282034768)

Conversions

Conversions Part 1

Format	Color
Hex	3AAA50
RGB	58, 170, 80
RGB Percent	23%, 67%, 31%
CMY	0.7725, 0.3333, 0.6863
CMYK	0.66, 0.00, 0.53, 0.33
HSL	132°, 49%, 45%
HSV	132°, 66%, 67%
XYZ	17.5676, 30.2282, 12.4981
YIQ	126.2520, -37.8620, -51.7340

Conversions

Conversions Part 2

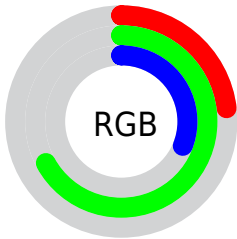
Format	Color
RYB	58, 152, 170
Decimal	3844688
CIELab	61.85, -50.75, 37.03
CIELCh	62, 62.821, 143.885
Yxy	30.2282, 0.2914, 0.5013
Android (android.graphics.Color)	4282034768 (0xFF3AAA50)
YUV	126.2520, -22.8022, -59.8570
Hunter-Lab	54.9802, -39.1798, 25.0083

Details

The Android color **4282034768** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4289346196**, and the grayscale version is **4286479998**.

A 20% lighter version of the original color is **4285981315**, and **4278220063** is the 20% darker color. If you saturate the color by 10%, you get **4280920642**, and if you desaturate by 10%, it is **4283148894**.

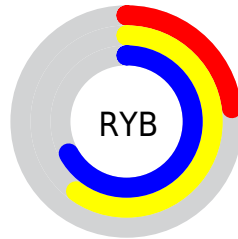
Distribution



Red (23%)

Green (67%)

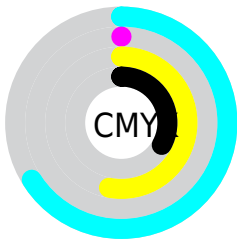
Blue (31%)



Red (23%)

Yellow (60%)

Blue (67%)

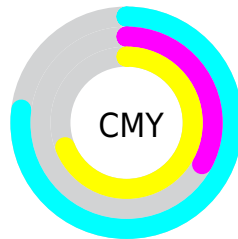


Cyan (66%)

Magenta (0%)

Yellow (53%)

Black (33%)



Cyan (77%)

Magenta (33%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282034768 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 4282034768 by changing the saturation by 10% instead.

 4282034768

 4282034768

4294967295

 4279340855

 4285981315


 4278220063

 4287889310

 4278213379

 4289789881

 4278206976

 4291690453

 4278201600

 4293591026

 4278193152

 4278190080

 4282034768

 4282034768

 4280920642

 4283148894

■ 4279806517

■ 4284263019

■ 4278692391

■ 4285377145

■ 4278233633

■ 4286491271

■ 4287605396

■ 4288719522

■ 4289833648

■ 4290947773

■ 4292061899

Harmonies

Analogous

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



4287012898



4282034768



4278235016

Triad

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



4282034768



4278231039



4294534252

Complementary

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



4282034768



4289346196

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.



4294140323



4282034768



4286614524

Square

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



4282034768



4278234095



4291720152



4293097531

Rectangle

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



4282034768



4278235310



4291720152



4294598782

Sweetspot

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



4282034768



4289846970



4287998522



4283789403



4293980400



4285558896

Same Dimension

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



4282034768



4281327185



4282034823



4283192397



4278227997



4278195204

Inverse Universe

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



4289346196



4292751291



4289346141



4283714642



4287889527



4279500816

Previews

White Background



This preview shows how the Android color 4282034768 looks on a white background.

Color Contrast Check

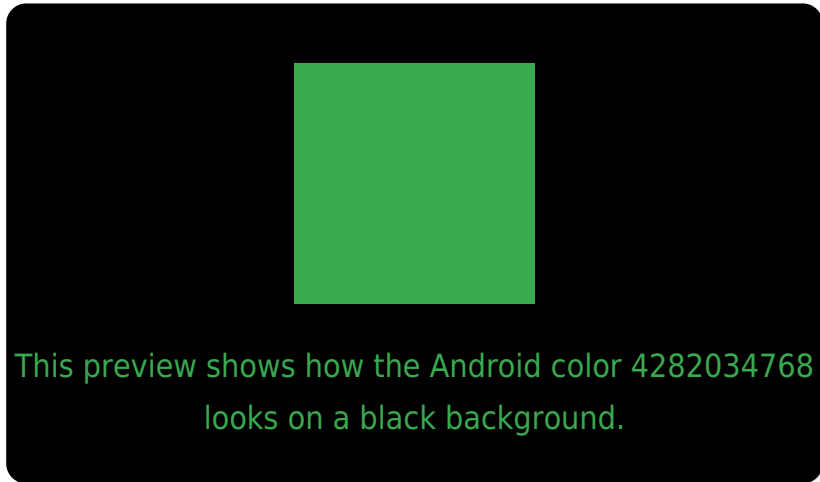
Large Text (above 18pt) WCAG AA × Fail

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 4282034768 Background



This preview shows how black text looks on a background with the Android color 4282034768.



This preview shows how white text looks on a background with the Android color 4282034768.

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

4282034768



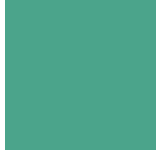
Protanomaly

4286422092



Deuteranomaly

4287141972



Tritanomaly

4283147403

Monochromacy



Original Color

4282034768



Achromatopsia

4286479998



Achromatomaly

4284845677

CSS Examples

Text

The CSS property to change the color of the text to Android 4282034768 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, 170, 80)` looks like.

```
.text, #text, p{  
    color:rgb(58, 170, 80)  
}
```

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, 170, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 170, 80) }
```

Border

The CSS property to change the border of an element to Android 4282034768 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, 170, 80) }
```

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

```
.border{ border-color:rgb(58, 170, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 170, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 170, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 170, 80);  
box-shadow:4px 4px 4px 4px rgb(58, 170,  
80) }
```

Background

The CSS property to change the background color of an element to Android 4282034768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 170, 80) }
```

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

```
.background{ background-color: rgb(58, 170,  
80) }
```

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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