

Converting Colors

Android(4281383469)

Have a look what the booklet for
Android(4281383469) contains.

Android(4281383469)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281383469)

Conversions

Conversions Part 1

Format	Color
Hex	30BA2D
RGB	48, 186, 45
RGB Percent	19%, 73%, 18%
CMY	0.8118, 0.2706, 0.8235
CMYK	0.74, 0.00, 0.76, 0.27
HSL	119°, 61%, 45%
HSV	119°, 76%, 73%
XYZ	19.2515, 35.9357, 8.4042
YIQ	128.6640, -36.9870, -73.1070

Conversions

Conversions Part 2

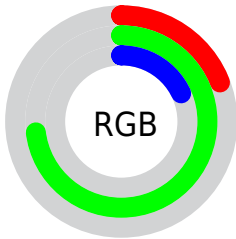
Format	Color
RYB	45, 186, 183
Decimal	3193389
CIELab	66.47, -61.84, 57.04
CIELCh	66, 84.126, 137.314
Yxy	35.9357, 0.3027, 0.5651
Android (android.graphics.Color)	4281383469 (0xFF30BA2D)
YUV	128.6640, -41.2464, -70.7423
Hunter-Lab	59.9464, -47.5817, 33.6502

Details

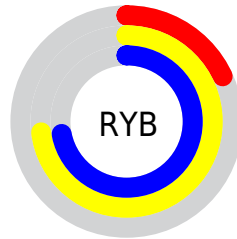
The Android color **4281383469** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **4290194874**, and the grayscale version is **4286677377**.

A 20% lighter version of the original color is **4285854565**, and **4278223616** is the 20% darker color. If you saturate the color by 10%, you get **4280203802**, and if you desaturate by 10%, it is **4282563136**.

Distribution



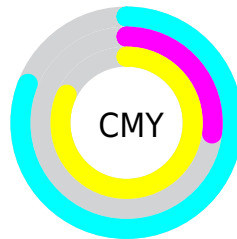
- Red (19%)
- Green (73%)
- Blue (18%)



- Red (18%)
- Yellow (73%)
- Blue (72%)



- Cyan (74%)
- Magenta (0%)
- Yellow (76%)
- Black (27%)




- Cyan (81%)
- Magenta (27%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281383469 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 4281383469 by changing the saturation by 10% instead.

 4281383469

 4281383469

4294967295

 4278230535

 4285854565

 4278223616

 4287823744

 4278216960

 4289789851

 4278210304

 4291821495


 4278204416

 4293787604

 4278198016

 4294967281

 4278190080

 4281383469

 4281383469

 4280203802

 4282563136

■ 4279024136

■ 4283742802

■ 4278499840

■ 4284988005

■ 4286167671

■ 4287347338

■ 4288527005

■ 4289706671

■ 4290951874

■ 4292131540

Harmonies

Analogous

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



4288260864



4281383469



4278239614

Triad

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



4281383469



4278236415



4294921594

Complementary

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



4281383469



4290194874

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.



4294922437



4281383469



4282686719

Square

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



4281383469



4278239487



4292507647



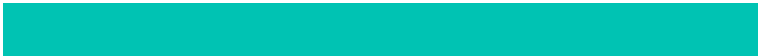
4294930225

Rectangle

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



4281383469



4278240179



4292507647



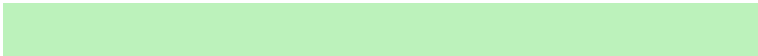
4294920338

Sweetspot

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



4281383469



4290572987



4290426157



4284054104



4294638330



4286216826

Same Dimension

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



4281383469



4279955990



4281186927



4283653203



4278426624



4278262784

Inverse Universe

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



4290194874



4293793522



4290391416



4284240732



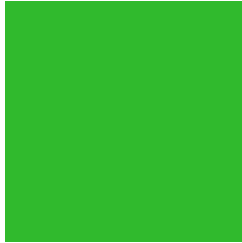
4288151708



4279959580

Previews

White Background



This preview shows how the Android color 4281383469 looks on a white background.

Color Contrast Check

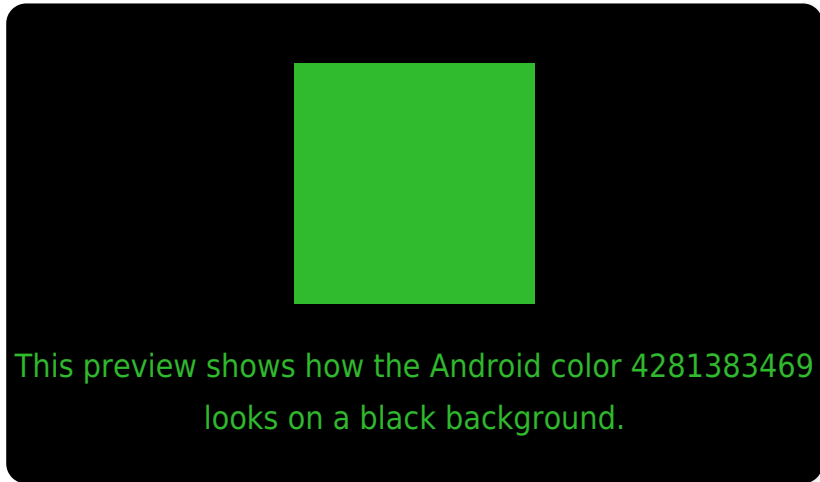
Large Text (above 18pt) WCAG AA × Fail

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 4281383469 Background



This preview shows how black text looks on a background with the Android color 4281383469.



This preview shows how white text looks on a background with the Android color 4281383469.

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

4281383469



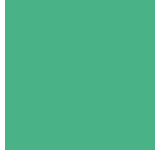
Protanomaly

4286884393



Deuteranomaly

4287734838



Tritanomaly

4283019911

Monochromacy



Original Color

4281383469



Achromatopsia

4286677377



Achromatomaly

4284782178

CSS Examples

Text

The CSS property to change the color of the text to Android 4281383469 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(48, 186, 45)` looks like.

```
.text, #text, p{  
    color:rgb(48, 186, 45)  
}
```

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(48, 186, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 186, 45) }
```

Border

The CSS property to change the border of an element to Android 4281383469 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(48, 186, 45) }
```

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

```
.border{ border-color:rgb(48, 186, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 186, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 186, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 186, 45);  
box-shadow:4px 4px 4px 4px rgb(48, 186,  
45) }
```

Background

The CSS property to change the background color of an element to Android 4281383469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 186, 45) }
```

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

```
.background{ background-color: rgb(48, 186,  
45) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor