

Converting Colors

Android(4281621009)

Have a look what the booklet for
Android(4281621009) contains.

Android(4281621009)	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(4281621009)

Conversions

Conversions Part 1

Format	Color
Hex	345A11
RGB	52, 90, 17
RGB Percent	20%, 35%, 7%
CMY	0.7961, 0.6471, 0.9333
CMYK	0.42, 0.00, 0.81, 0.65
HSL	91°, 68%, 21%
HSV	91°, 81%, 35%
XYZ	5.1735, 8.0829, 1.8178
YIQ	70.3160, 0.7850, -30.7590

Conversions

Conversions Part 2

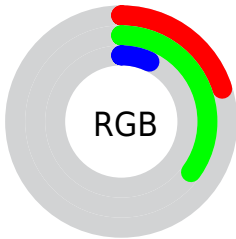
Format	Color
RYB	17, 90, 55
Decimal	3430929
CIELab	34.15, -26.69, 35.36
CIELCh	34, 44.303, 127.053
Yxy	8.0829, 0.3432, 0.5362
Android (android.graphics.Color)	4281621009 (0xFF345A11)
YUV	70.3160, -26.2848, -16.0631
Hunter-Lab	28.4304, -17.2713, 16.1104

Details

The Android color **4281621009** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4281799002**, and the grayscale version is **4282861383**.

A 20% lighter version of the original color is **4284910658**, and **4278201344** is the 20% darker color. If you saturate the color by 10%, you get **4281293320**, and if you desaturate by 10%, it is **4281948698**.

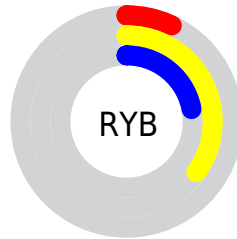
Distribution



Red (20%)

Green (35%)

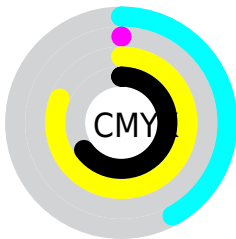
Blue (7%)



Red (7%)

Yellow (35%)

Blue (22%)

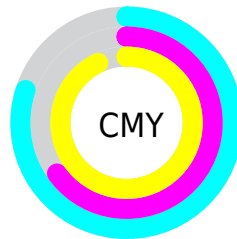


Cyan (42%)

Magenta (0%)

Yellow (81%)

Black (65%)



Cyan (80%)


Magenta (65%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281621009 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 4281621009 by changing the saturation by 10% instead.

 4281621009

 4281621009

4294967293

 4280041984

 4284910658

 4278201344

 4286621530

 4278195968

 4288397940

 4278190080

 4290240142

 4292082601

 4293984196

 4294967264

 4281621009

 4281621009

■ 4281293320

■ 4281948698

■ 4281031168

■ 4282210851

■ 4282538540

■ 4282866229

■ 4283128382

■ 4283456071

■ 4283783760

■ 4284045913

■ 4284373602

Harmonies

Analogous

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



4284109056



4281621009



4278214451

Triad

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



4281621009



4278213521



4287573065

Complementary

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



4281621009



4281799002

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.



4286657388



4281621009



4278211223

Square

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



4281621009



4278214778



4284236681



4287247656

Rectangle

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



4281621009



4278214732



4284236681



4287376469

Sweetspot

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



4281621009



4284970329



4284102417



4281482026



4290427578



4282071867

Same Dimension

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



4281621009



4282021124



4279327250



4281085481



4281691648



4285721856

Inverse Universe

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



4281799002



4282319989



4284092761



4281084206



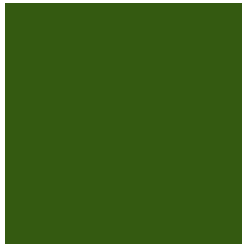
4281925742



4286251245

Previews

White Background



This preview shows how the Android color 4281621009 looks on a white background.

Color Contrast Check

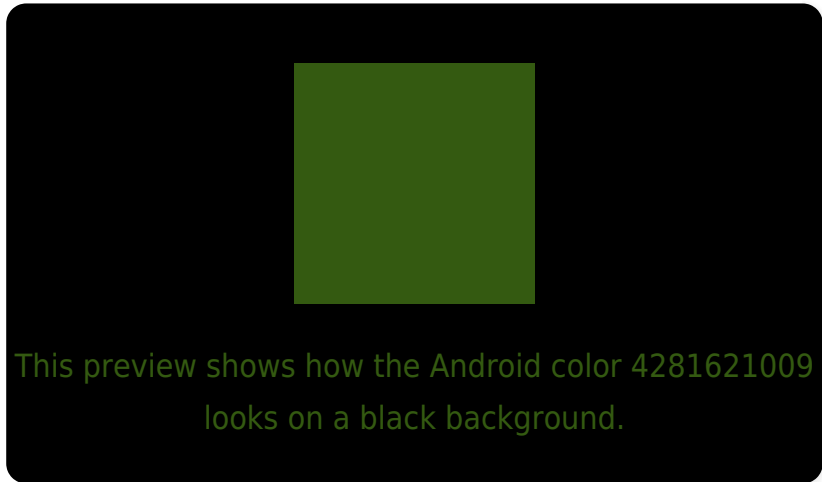
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281621009 Background



This preview shows how black text looks on a background with the Android color 4281621009.



This preview shows how white text looks on a background with the Android color 4281621009.

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
4281621009

Protanopia
4284108814

Deuteranopia
4284763160

Trichromacy



Original Color

4281621009

Protanomaly

4283192335

Deuteranomaly

4283650325

Tritanomaly

4282013248

Monochromacy



Original Color

4281621009

Achromatopsia

4282795590

Achromatomaly

4282338611

CSS Examples

Text

The CSS property to change the color of the text to Android 4281621009 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(52, 90, 17)` looks like.

```
.text, #text, p{  
    color:rgb(52, 90, 17)  
}
```

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(52, 90, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 90, 17) }
```

Border

The CSS property to change the border of an element to Android 4281621009 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(52, 90, 17) }
```

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

```
.border{ border-color:rgb(52, 90, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 90, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 90, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 90, 17);  
box-shadow:4px 4px 4px 4px rgb(52, 90, 17)  
}
```

Background

The CSS property to change the background color of an element to Android 4281621009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 90, 17) }
```

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

```
.background{ background-color: rgb(52, 90,  
17) }
```

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