

Converting Colors

Android(4281560324)

Have a look what the booklet for
Android(4281560324) contains.

Android(4281560324)	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(4281560324)

Conversions

Conversions Part 1

Format	Color
Hex	336D04
RGB	51, 109, 4
RGB Percent	20%, 43%, 2%
CMY	0.8000, 0.5725, 0.9843
CMYK	0.53, 0.00, 0.96, 0.57
HSL	93°, 93%, 22%
HSV	93°, 96%, 43%
XYZ	6.8558, 11.6499, 2.0022
YIQ	79.6880, -0.8630, -44.9510

Conversions

Conversions Part 2

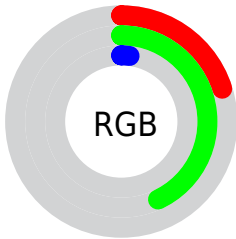
Format	Color
RYB	4, 109, 62
Decimal	3370244
CIELab	40.65, -36.06, 44.89
CIElCh	41, 57.583, 128.778
Yxy	11.6499, 0.3343, 0.5681
Android (android.graphics.Color)	4281560324 (0xFF336D04)
YUV	79.6880, -37.3142, -25.1594
Hunter-Lab	34.1319, -23.8769, 20.4144

Details

The Android color `4281560324` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4282254445`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4285047102`, and `4278205440` is the 20% darker color. If you saturate the color by 10%, you get `4281429248`, and if you desaturate by 10%, it is `4281953551`.

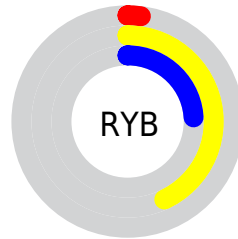
Distribution



Red (20%)

Green (43%)

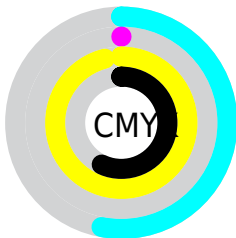
Blue (2%)



Red (2%)

Yellow (43%)

Blue (24%)

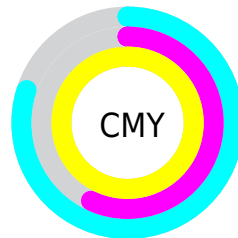


Cyan (53%)

Magenta (0%)

Yellow (96%)

Black (57%)



Cyan (80%)

Magenta (57%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281560324 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 4281560324 by changing the saturation by 10% instead.



4281560324



4281560324

4294967292



4279653376



4285047102



4278205440



4286823511



4278200064



4288665713



4278191104



4290508171



4278190080



4292411303



4294311874



4294967263



4281560324



4281560324

■ 4281429248

■ 4281953551

■ 4282346778

■ 4282740005

■ 4283133232

■ 4283526459

■ 4283919685

■ 4284312912

■ 4284706139

■ 4285099366

Harmonies

Analogous

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



4285030912



4281560324



4278219579

Triad

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



4281560324



4278218424



4289865812

Complementary

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



4281560324



4282254445

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.



4288820099



4281560324



4278215102

Square

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



4281560324



4278219930



4285680810



4289346087

Rectangle

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



4281560324



4278219868



4285680810



4289734756

Sweetspot

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



4281560324



4286091109



4285349380



4282009390



4291282887



4282861383

Same Dimension

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



4281560324



4282420992



4278480137



4281546288



4281693440



4285461760

Inverse Universe

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



4282254445



4283367567



4285334632



4281544758



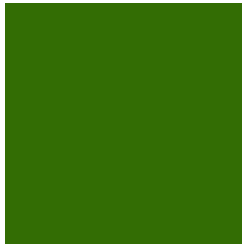
4282450037



4287037685

Previews

White Background



This preview shows how the Android color 4281560324 looks on a white background.

Color Contrast Check

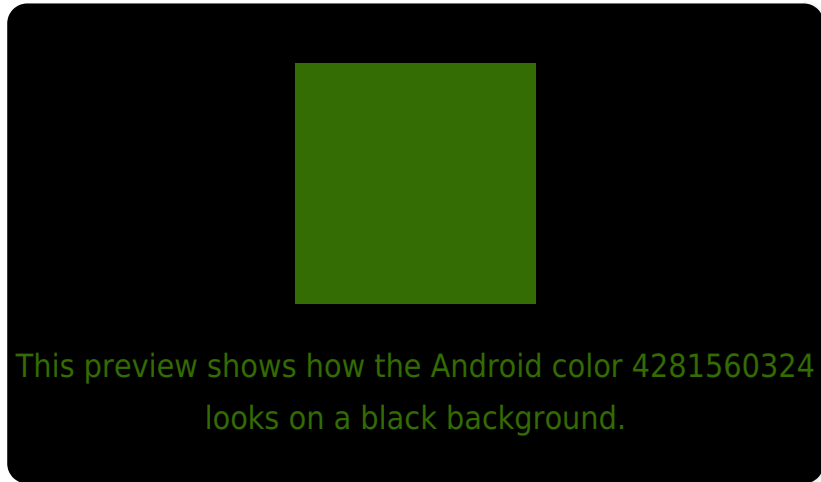
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4281560324 Background



This preview shows how black text looks on a background with the Android color 4281560324.



This preview shows how white text looks on a background with the Android color 4281560324.

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
4281560324

Protanopia
4285292544

Deuteranopia
4286077719

Trichromacy



Original Color
4281560324

Protanomaly
4283917569

Deuteranomaly
4284441104

Tritanomaly
4282214471

Monochromacy



Original Color
4281560324

Achromatopsia
4283453520

Achromatomaly
4282735412

CSS Examples

Text

The CSS property to change the color of the text to Android 4281560324 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(51, 109, 4)` looks like.

```
.text, #text, p{  
    color:rgb(51, 109, 4)  
}
```

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(51, 109, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 109, 4) }
```

Border

The CSS property to change the border of an element to Android 4281560324 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(51, 109, 4) }
```

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

```
.border{ border-color:rgb(51, 109, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 109, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 109, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 109, 4);  
box-shadow:4px 4px 4px 4px rgb(51, 109, 4)  
}
```

Background

The CSS property to change the background color of an element to Android 4281560324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 109, 4) }
```

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

```
.background{ background-color: rgb(51, 109,  
4) }
```

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