

Converting Colors

Android(4281420032)

Have a look what the booklet for
Android(4281420032) contains.

Android(4281420032)	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(4281420032)

Conversions

Conversions Part 1

Format	Color
Hex	314900
RGB	49, 73, 0
RGB Percent	19%, 29%, 0%
CMY	0.8078, 0.7137, 1.0000
CMYK	0.33, 0.00, 1.00, 0.71
HSL	80°, 100%, 14%
HSV	80°, 100%, 29%
XYZ	3.6492, 5.4181, 0.8535
YIQ	57.5020, 9.1290, -27.7910

Conversions

Conversions Part 2

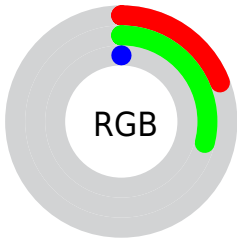
Format	Color
RYB	0, 73, 24
Decimal	3229952
CIELab	27.89, -20.52, 35.89
CIElCh	28, 41.339, 119.764
Yxy	5.4181, 0.3678, 0.5461
Android (android.graphics.Color)	4281420032 (0xFF314900)
YUV	57.5020, -28.3485, -7.4563
Hunter-Lab	23.2767, -12.7502, 14.1198

Details

The Android color **4281420032** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4279763017**, and the grayscale version is **4282006074**.

A 20% lighter version of the original color is **4284643890**, and **4278197760** is the 20% darker color. If you saturate the color by 10%, you get **4281420032**, and if you desaturate by 10%, it is **4281551111**.

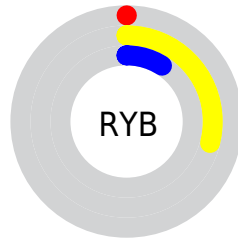
Distribution



Red (19%)

Green (29%)

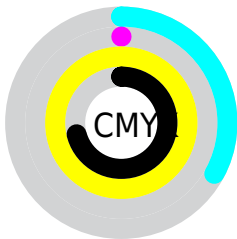
Blue (0%)



Red (0%)

Yellow (29%)

Blue (9%)

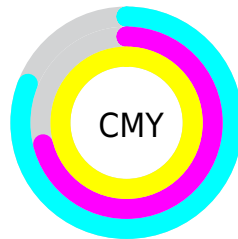


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (81%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281420032 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 4281420032 by changing the saturation by 10% instead.



4281420032



4281420032



4294967274



4279906816



4284643890



4278197760



4286354506



4278190080



4288130659



4289907325



4291749527



4293656498



4294967246



4281420032

■ 4281551111

■ 4281747727

■ 4281878806

■ 4282075421

■ 4282206501

■ 4282337580

■ 4282534195

■ 4282665274

■ 4282861890

Harmonies

Analogous

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



4283514880



4281420032



4278210080

Triad

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



4281420032



4278209913



4286062403

Complementary

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



4281420032



4279763017

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.



4284951138



4281420032



4278208130

Square

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



4281420032



4278210657



4282333561



4286063908

Rectangle

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



4281420032



4278210613



4282333561



4285866318

Sweetspot

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



4281420032



4283784770



4282980096



4281020447



4289769648



4281348144

Same Dimension

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



4281420032



4282342912



4279060736



4280493088



4282606336



4288209664

Inverse Universe

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



4279763017



4280221790



4282122313



4280360996



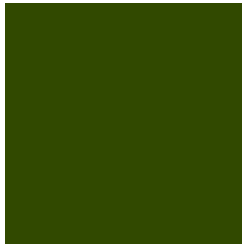
4280352867



4283105507

Previews

White Background



This preview shows how the Android color 4281420032 looks on a white background.

Color Contrast Check

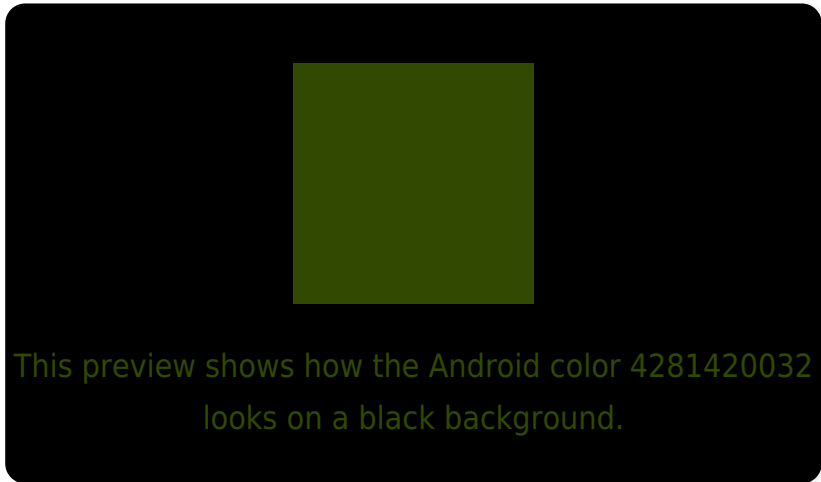
Large Text (above 18pt) WCAG AA ✓ Pass

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

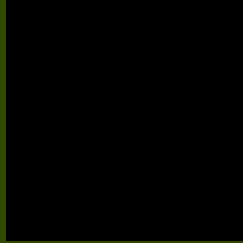
Any Text WCAG AA × Fail

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 4281420032 Background



This preview shows how black text looks on a background with the Android color 4281420032.



This preview shows how white text looks on a background with the Android color 4281420032.

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

4281420032

Protanopia

4283056640

Deuteranopia

4283645710

Trichromacy



Original Color
4281420032

Protanomaly
4282467584

Deuteranomaly
4282860297

Tritanomaly
4281681454

Monochromacy



Original Color
4281420032

Achromatopsia
4282006074

Achromatomaly
4281810725

CSS Examples

Text

The CSS property to change the color of the text to Android 4281420032 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(49, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(49, 73, 0)  
}
```

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(49, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 73, 0) }
```

Border

The CSS property to change the border of an element to Android 4281420032 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(49, 73, 0) }
```

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

```
.border{ border-color:rgb(49, 73, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 73, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 73, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(49, 73, 0); box-shadow:4px  
4px 4px 4px rgb(49, 73, 0) }
```

Background

The CSS property to change the background color of an element to Android 4281420032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 73, 0) }
```

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

```
.background{ background-color: rgb(49, 73,  
0) }
```

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