

Converting Colors

Android(4281642301)

Have a look what the booklet for
Android(4281642301) contains.

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Color

Android(4281642301)

Conversions

Conversions Part 1

Format	Color
Hex	34AD3D
RGB	52, 173, 61
RGB Percent	20%, 68%, 24%
CMY	0.7961, 0.3216, 0.7608
CMYK	0.70, 0.00, 0.65, 0.32
HSL	124°, 54%, 44%
HSV	124°, 70%, 68%
XYZ	17.2020, 30.9541, 9.4830
YIQ	124.0530, -36.1640, -60.4840

Conversions

Conversions Part 2

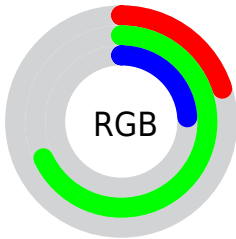
Format	Color
RYB	52, 165, 173
Decimal	3452221
CIELab	62.47, -55.40, 46.64
CIELCh	62, 72.420, 139.909
Yxy	30.9541, 0.2984, 0.5370
Android (android.graphics.Color)	4281642301 (0xFF34AD3D)
YUV	124.0530, -31.0851, -63.1905
Hunter-Lab	55.6364, -42.1739, 28.8398

Details

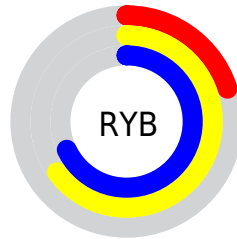
The Android color **4281642301** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **4289541284**, and the grayscale version is **4286348412**.

A 20% lighter version of the original color is **4285785713**, and **4278220544** is the 20% darker color. If you saturate the color by 10%, you get **4280528173**, and if you desaturate by 10%, it is **4282756429**.

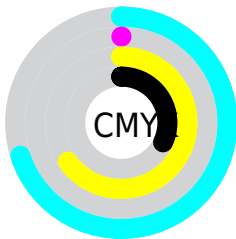
Distribution



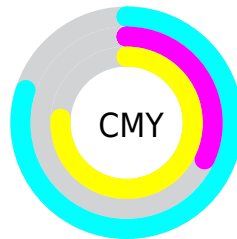
- Red (20%)
- Green (68%)
- Blue (24%)



- Red (20%)
- Yellow (65%)
- Blue (68%)



- Cyan (70%)
- Magenta (0%)
- Yellow (65%)
- Black (32%)




- Cyan (80%)
- Magenta (32%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281642301 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 4281642301 by changing the saturation by 10% instead.

 4281642301

 4281642301

4294967295

 4278227490

 4285785713

 4278220544

 4287692684

 4278213888

 4289658791

 4278207488

 4291559363

 4278201856

 4293525471

 4278194176

4294967292

 4278190080

 4281642301

 4281642301

 4280528173

 4282756429

 4279348509

 4283936093

 4278234381

 4285050221

 4286164349

 4287344013

 4288458141

 4289572269

 4290686397

 4291866061

Harmonies

Analogous

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



4287406336



4281642301



4278236030

Triad

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



4281642301



4278232575



4294923887

Complementary

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



4281642301



4289541284

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.



4294923952



4281642301



4284846079

Square

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



4281642301



4278235641



4291719659



4294144052

Rectangle

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



4281642301



4278236331



4291719659



4294922884

Sweetspot

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



4281642301



4289847477



4289047860



4283723862



4293980400



4285558896

Same Dimension

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



4281642301



4280606770



4281642361



4283324239



4278228491



4278195970

Inverse Universe

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



4289541284



4292879570



4289541224



4283911766



4288020619



4279697429

Previews

White Background



This preview shows how the Android color 4281642301 looks on a white background.

Color Contrast Check

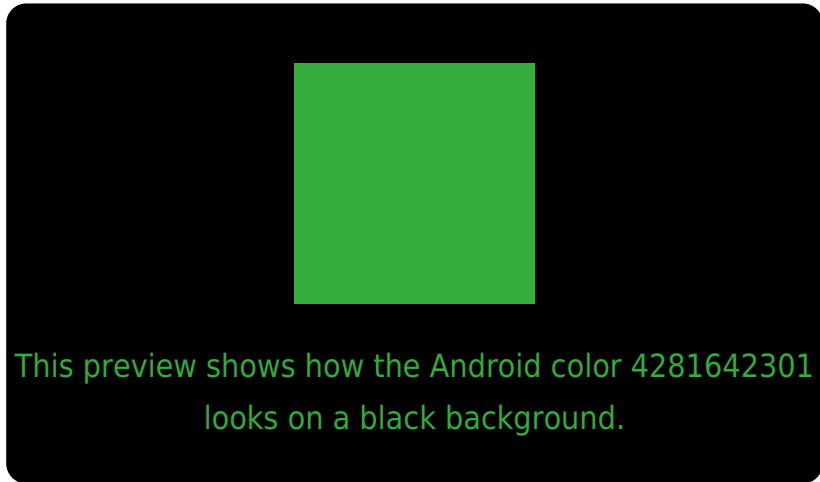
Large Text (above 18pt) WCAG AA × Fail

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

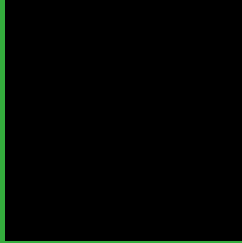
Any Text WCAG AA ✓ Pass

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 4281642301 Background



This preview shows how black text looks on a background with the Android color 4281642301.



This preview shows how white text looks on a background with the Android color 4281642301.

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
4281642301

Protanopia
4289173047

Deuteranopia
4290350919

Trichromacy



Original Color
4281642301



Protanomaly
4286422585



Deuteranomaly
4287208003



Tritanomaly
4282951302

Monochromacy



Original Color
4281642301



Achromatopsia
4286348412



Achromatomaly
4284649061

CSS Examples

Text

The CSS property to change the color of the text to Android 4281642301 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, 173, 61)` looks like.

```
.text, #text, p{  
    color:rgb(52, 173, 61)  
}
```

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, 173, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 173, 61) }
```

Border

The CSS property to change the border of an element to Android 4281642301 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, 173, 61) }
```

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

```
.border{ border-color:rgb(52, 173, 61) }
```

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

Here you see how a box with a 4 pixel rgb(52, 173, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 173, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 173, 61);  
box-shadow:4px 4px 4px 4px rgb(52, 173,  
61) }
```

Background

The CSS property to change the background color of an element to Android 4281642301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 173, 61) }
```

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

```
.background{ background-color: rgb(52, 173,  
61) }
```

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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