

Converting Colors

Android(4281696346)

Have a look what the booklet for
Android(4281696346) contains.

Android(4281696346)	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(4281696346)

Conversions

Conversions Part 1

Format	Color
Hex	35805A
RGB	53, 128, 90
RGB Percent	21%, 50%, 35%
CMY	0.7922, 0.4980, 0.6471
CMYK	0.59, 0.00, 0.30, 0.50
HSL	150°, 41%, 35%
HSV	150°, 59%, 50%
XYZ	11.0328, 16.9334, 12.3598
YIQ	101.2430, -32.5020, -27.7180

Conversions

Conversions Part 2

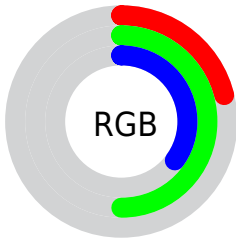
Format	Color
RYB	53, 103, 128
Decimal	3506266
CIELab	48.18, -32.72, 13.81
CIElCh	48, 35.512, 157.115
Yxy	16.9334, 0.2736, 0.4199
Android (android.graphics.Color)	4281696346 (0xFF35805A)
YUV	101.2430, -5.5428, -42.3091
Hunter-Lab	41.1502, -24.1551, 10.9969

Details

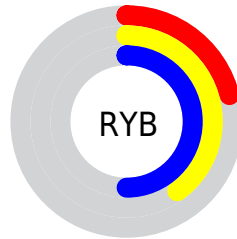
The Android color `4281696346` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286592347`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4285183372`, and `4278210092` is the 20% darker color. If you saturate the color by 10%, you get `4280844372`, and if you desaturate by 10%, it is `4282548320`.

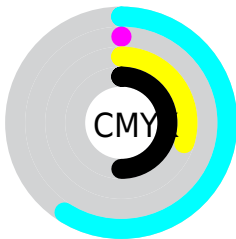
Distribution



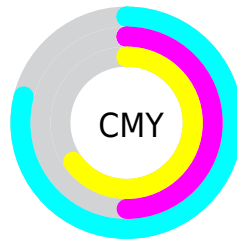
- Red (21%)
- Green (50%)
- Blue (35%)



- Red (21%)
- Yellow (40%)
- Blue (50%)



- Cyan (59%)
- Magenta (0%)
- Yellow (30%)
- Black (50%)



- Cyan (79%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281696346 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 4281696346 by changing the saturation by 10% instead.



4281696346



4281696346

4294967295



4279723842



4285183372



4278210092



4286960039



4278203927



4288802498



4278198784



4290641886



4278190080



4292476922



4294377471



4281696346



4281696346



4280844372



4282548320

■ 4279992397

■ 4283400295

■ 4279205959

■ 4284186733

■ 4278353984

■ 4285038708

■ 4278222911

■ 4285890682

■ 4286742657

■ 4287594631

■ 4288381070

■ 4289233044

Harmonies

Analogous

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



4284382017



4281696346



4278223481

Triad

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



4281696346



4283331502



4289224272

Complementary

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



4281696346



4286592347

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.



4289419628



4281696346



4286474402

Square

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



4281696346



4278221993



4288503178



4288112699

Rectangle

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



4281696346



4278223245



4288503178



4289354841

Sweetspot

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



4281696346



4287145623



4284252213



4282537035



4292138196



4283716692

Same Dimension

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



4281696346



4281509483



4281696383



4281942077



4278222911



4278190080

Inverse Universe

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



4286592347



4289081965



4286592310



4282399037



4286578753



4278190080

Previews

White Background



This preview shows how the Android color 4281696346 looks on a white background.

Color Contrast Check

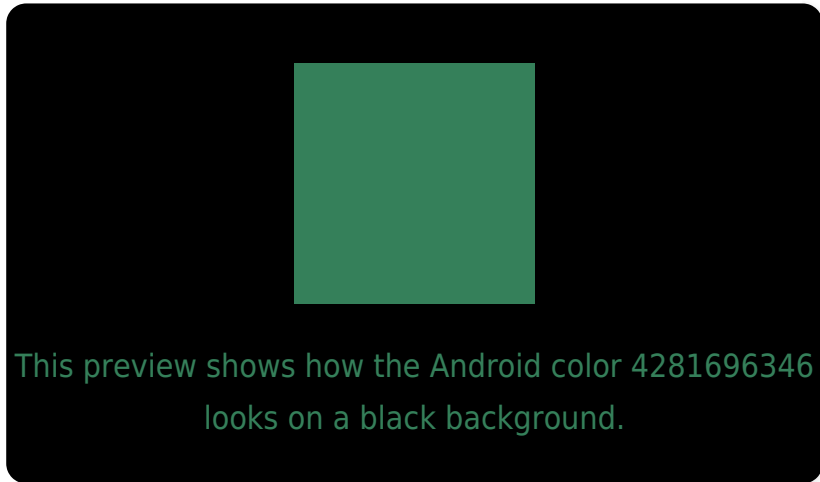
Large Text (above 18pt) WCAG AA ✓ Pass

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

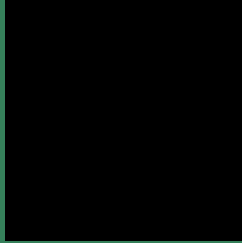
Any Text WCAG AA × Fail

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 4281696346 Background



This preview shows how black text looks on a background with the Android color 4281696346.



This preview shows how white text looks on a background with the Android color 4281696346.

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

4281696346

Protanopia

4286214740

Deuteranopia

4286868830

Trichromacy



Original Color

4281696346

Protanomaly

4284577622

Deuteranomaly

4284970077

Tritanomaly

4282219893

Monochromacy



Original Color

4281696346

Achromatopsia

4284835173

Achromatomaly

4283723617

CSS Examples

Text

The CSS property to change the color of the text to Android 4281696346 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(53, 128, 90)` looks like.

```
.text, #text, p{  
    color:rgb(53, 128, 90)  
}
```

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(53, 128, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 128, 90) }
```

Border

The CSS property to change the border of an element to Android 4281696346 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(53, 128, 90) }
```

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

```
.border{ border-color:rgb(53, 128, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 128, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 128, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 128, 90);  
box-shadow:4px 4px 4px 4px rgb(53, 128,  
90) }
```

Background

The CSS property to change the background color of an element to Android 4281696346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 128, 90) }
```

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

```
.background{ background-color: rgb(53, 128,  
90) }
```

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