

Converting Colors

Android(4282435358)

Have a look what the booklet for
Android(4282435358) contains.

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Color

Android(4282435358)

Conversions

Conversions Part 1

Format	Color
Hex	40C71E
RGB	64, 199, 30
RGB Percent	25%, 78%, 12%
CMY	0.7490, 0.2196, 0.8824
CMYK	0.68, 0.00, 0.85, 0.22
HSL	108°, 74%, 45%
HSV	108°, 85%, 78%
XYZ	22.7721, 42.0306, 8.1408
YIQ	139.3690, -26.2110, -81.1790

Conversions

Conversions Part 2

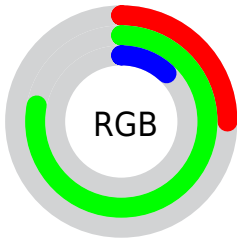
Format	Color
RYB	30, 199, 165
Decimal	4245278
CIELab	70.89, -63.99, 65.56
CIELCh	71, 91.610, 134.306
Yxy	42.0306, 0.3122, 0.5762
Android (android.graphics.Color)	4282435358 (0xFF40C71E)
YUV	139.3690, -53.9189, -66.0986
Hunter-Lab	64.8310, -50.7555, 37.9367

Details

The Android color `4282435358` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark washed green. A complement of this color would be `4289011399`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4286775132`, and `4278226944` is the 20% darker color. If you saturate the color by 10%, you get `4281386762`, and if you desaturate by 10%, it is `4283483954`.

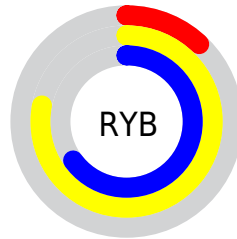
Distribution



Red (25%)

Green (78%)

Blue (12%)



Red (12%)

Yellow (78%)

Blue (65%)

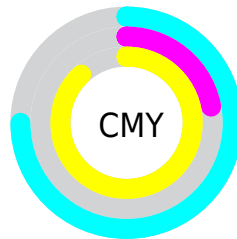


Cyan (68%)

Magenta (0%)

Yellow (85%)

Black (22%)



Cyan (75%)

Magenta (22%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282435358 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 4282435358 by changing the saturation by 10% instead.

 4282435358

 4282435358

4294967295

 4278954752

 4286775132

 4278226944

 4288741240

 4278220032

 4290772884

 4278213376

 4292738993

 4278206976

 4294770638

 4278200832

 4294967275

 4278191616

 4278190080

 4282435358

 4282435358

■ 4281386762

■ 4283483954

■ 4280862464

■ 4284532550

■ 4285581146

■ 4286629742

■ 4287612802

■ 4288661397

■ 4289709993

■ 4290758589

■ 4291807185

Harmonies

Analogous

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



4289508864



4282435358



4278243197

Triad

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



4282435358



4278240511



4294920586

Complementary

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



4282435358



4289011399

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.



4294923485



4282435358



4278233855

Square

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



4282435358



4278243327



4292969215



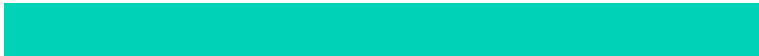
4294930745

Rectangle

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



4282435358



4278244024



4292969215



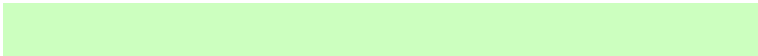
4294919589

Sweetspot

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



4282435358



4291624895



4291273246



4284579929



4278190080



4286611584

Same Dimension

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



4282435358



4281597696



4280207182



4284244826



4280394496



4278658048

Inverse Universe

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



4289011399



4291559679



4291239575



4284570211



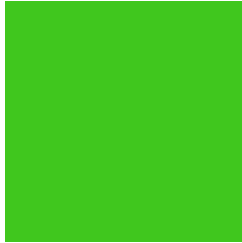
4286709923



4280090660

Previews

White Background



This preview shows how the Android color 4282435358 looks on a white background.

Color Contrast Check

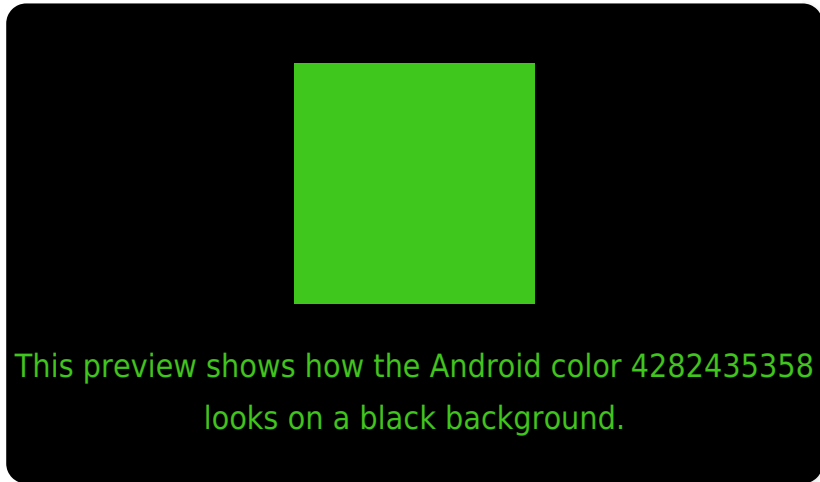
Large Text (above 18pt) WCAG AA × Fail

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 4282435358 Background



This preview shows how black text looks on a background with the Android color 4282435358.



This preview shows how white text looks on a background with the Android color 4282435358.

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
4282435358

Protanopia
4290948118

Deuteranopia
4292387635

Trichromacy



Original Color

4282435358



Protanomaly

4287870489



Deuteranomaly

4288786475



Tritanomaly

4284006026

Monochromacy



Original Color

4282435358



Achromatopsia

4287335307



Achromatomaly

4285571427

CSS Examples

Text

The CSS property to change the color of the text to Android 4282435358 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(64, 199, 30)` looks like.

```
.text, #text, p{  
    color:rgb(64, 199, 30)  
}
```

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(64, 199, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 199, 30) }
```

Border

The CSS property to change the border of an element to Android 4282435358 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(64, 199, 30) }
```

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

```
.border{ border-color:rgb(64, 199, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 199, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 199, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 199, 30);  
box-shadow:4px 4px 4px 4px rgb(64, 199,  
30) }
```

Background

The CSS property to change the background color of an element to Android 4282435358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 199, 30) }
```

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

```
.background{ background-color: rgb(64, 199,  
30) }
```

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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