

Converting Colors

Android(4281777718)

Have a look what the booklet for
Android(4281777718) contains.

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Color

Android(4281777718)

Conversions

Conversions Part 1

Format	Color
Hex	36BE36
RGB	54, 190, 54
RGB Percent	21%, 75%, 21%
CMY	0.7882, 0.2549, 0.7882
CMYK	0.72, 0.00, 0.72, 0.25
HSL	120°, 56%, 48%
HSV	120°, 72%, 75%
XYZ	20.6006, 37.8775, 9.7154
YIQ	133.8320, -37.4000, -71.1280

Conversions

Conversions Part 2

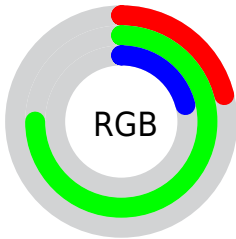
Format	Color
RYB	54, 190, 190
Decimal	3587638
CIELab	67.93, -61.43, 55.34
CIElCh	68, 82.675, 137.985
Yxy	37.8775, 0.3021, 0.5554
Android (android.graphics.Color)	4281777718 (0xFF36BE36)
YUV	133.8320, -39.3572, -70.0127
Hunter-Lab	61.5447, -47.9546, 33.7219

Details

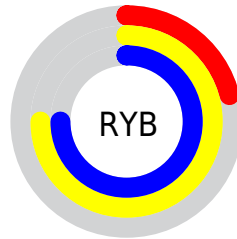
The Android color `4281777718` is a dark color, and the websafe version is hex `33CC33`. A complement of this color would be `4290655934`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4286117740`, and `4278224640` is the 20% darker color. If you saturate the color by 10%, you get `4280532515`, and if you desaturate by 10%, it is `4283022921`.

Distribution



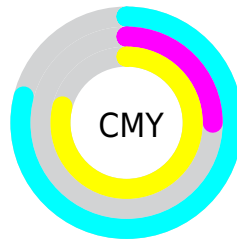
- Red (21%)
- Green (75%)
- Blue (21%)



- Red (21%)
- Yellow (75%)
- Blue (75%)



- Cyan (72%)
- Magenta (0%)
- Yellow (72%)
- Black (25%)





- Cyan (79%)
- Magenta (25%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281777718 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 4281777718 by changing the saturation by 10% instead.

 4281777718

 4281777718

4294967295

 4278231575

 4286117740

 4278224640

 4288151432

 4278217984

 4290117539

 4278211328

 4292083647


 4278205184

 4294049756

 4278199040

 4294967289

 4278190080

 4281777718

 4281777718

 4280532515

 4283022921

■ 4279287312

■ 4284268124

■ 4278238720

■ 4285513327

■ 4286758530

■ 4288003733

■ 4289248936

■ 4290494139

■ 4291739342

■ 4292984545

Harmonies

Analogous

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



4288524288



4281777718



4278240644

Triad

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



4281777718



4278237183



4294923644

Complementary

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



4281777718



4290655934

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.



4294924231



4281777718



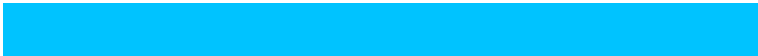
4283867135

Square

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



4281777718



4278240255



4292901887



4294931766

Rectangle

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



4281777718



4278241208



4292901887



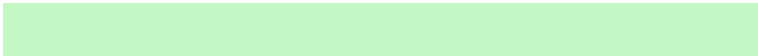
4294922389

Sweetspot

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



4281777718



4291033027



4290690614



4284382558



4294769916



4286414205

Same Dimension

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



4281777718



4280547107



4281777786



4283784789



4278230528



4278198016

Inverse Universe

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



4290655934



4294386679



4290655866



4284372318



4288544926



4280221727

Previews

White Background



This preview shows how the Android color 4281777718 looks on a white background.

Color Contrast Check

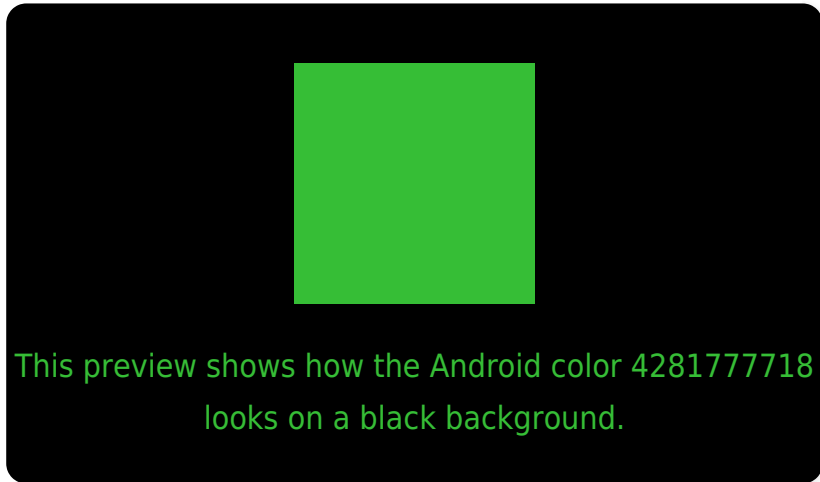
Large Text (above 18pt) WCAG AA × Fail

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 428177718 Background



This preview shows how black text looks on a background with the Android color 428177718.



This preview shows how white text looks on a background with the Android color 428177718.

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



Trichromacy



Original Color

4281777718



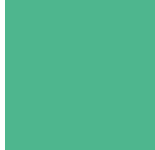
Protanomaly

4287212850



Deuteranomaly

4287998014



Tritanomaly

4283348622

Monochromacy



Original Color

4281777718



Achromatopsia

4287006342



Achromatomaly

4285110889

CSS Examples

Text

The CSS property to change the color of the text to Android 4281777718 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(54, 190, 54)` looks like.

```
.text, #text, p{  
    color:rgb(54, 190, 54)  
}
```

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(54, 190, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 190, 54) }
```

Border

The CSS property to change the border of an element to Android 4281777718 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(54, 190, 54) }
```

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

```
.border{ border-color:rgb(54, 190, 54) }
```

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

Here you see how a box with a 4 pixel rgb(54, 190, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 190, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 190, 54);  
box-shadow:4px 4px 4px 4px rgb(54, 190,  
54) }
```

Background

The CSS property to change the background color of an element to Android 4281777718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 190, 54) }
```

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

```
.background{ background-color: rgb(54, 190,  
54) }
```

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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