

Converting Colors

Android(4282828082)

Have a look what the booklet for
Android(4282828082) contains.

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Color

Android(4282828082)

Conversions

Conversions Part 1

Format	Color
Hex	46C532
RGB	70, 197, 50
RGB Percent	27%, 77%, 20%
CMY	0.7255, 0.2275, 0.8039
CMYK	0.64, 0.00, 0.75, 0.23
HSL	112°, 60%, 48%
HSV	112°, 75%, 77%
XYZ	23.0678, 41.4649, 9.8053
YIQ	142.2690, -28.5050, -72.6410

Conversions

Conversions Part 2

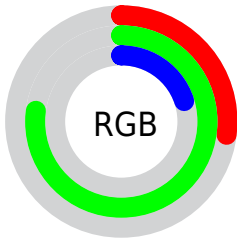
Format	Color
RYB	50, 197, 177
Decimal	4638002
CIELab	70.50, -60.96, 59.49
CIELCh	71, 85.181, 135.699
Yxy	41.4649, 0.3103, 0.5578
Android (android.graphics.Color)	4282828082 (0xFF46C532)
YUV	142.2690, -45.4886, -63.3799
Hunter-Lab	64.3932, -48.7436, 36.0470

Details

The Android color `4282828082` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark muted green. A complement of this color would be `4289802949`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4286971754`, and `4278226432` is the 20% darker color. If you saturate the color by 10%, you get `4281713950`, and if you desaturate by 10%, it is `4283942214`.

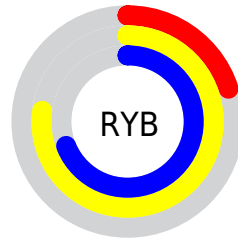
Distribution



Red (27%)

Green (77%)

Blue (20%)



Red (20%)

Yellow (77%)

Blue (69%)

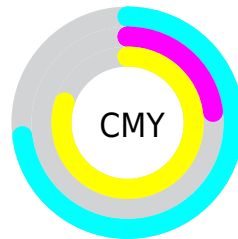


Cyan (64%)

Magenta (0%)

Yellow (75%)

Black (23%)



Cyan (73%)

Magenta (23%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282828082 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 4282828082 by changing the saturation by 10% instead.



4282828082



4282828082

4294967295



4280068366



4286971754



4278226432



4288937861



4278219520



4290903969



4278212864



4292870078



4278206464



4294901722



4278200576



4294967288



4278190848



4278190080



4282828082



4282828082

■ 4281713950

■ 4283942214

■ 4280599819

■ 4285056345

■ 4280009984

■ 4286170477

■ 4287284609

■ 4288398741

■ 4289512872

■ 4290627004

■ 4291741136

■ 4292855267

Harmonies

Analogous

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



4289312000



4282828082



4278242691

Triad

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



4282828082



4278239487



4294924167

Complementary

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



4282828082



4289802949

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.



4294925781



4282828082



4282493183

Square

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



4282828082



4278242559



4293035007



4294932542

Rectangle

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



4282828082



4278243258



4293035007



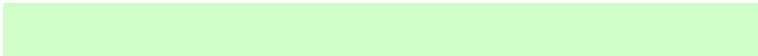
4294923169

Sweetspot

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



4282828082



4291821511



4291145522



4284711006



4278190080



4286611584

Same Dimension

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



4282828082



4281990937



4281517413



4284179290



4279673600



4278526976

Inverse Universe

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



4289802949



4292876799



4291113618



4284635747



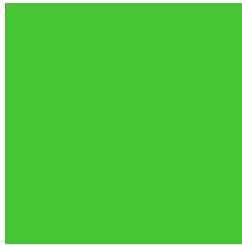
4287430819



4280221732

Previews

White Background



This preview shows how the Android color 4282828082 looks on a white background.

Color Contrast Check

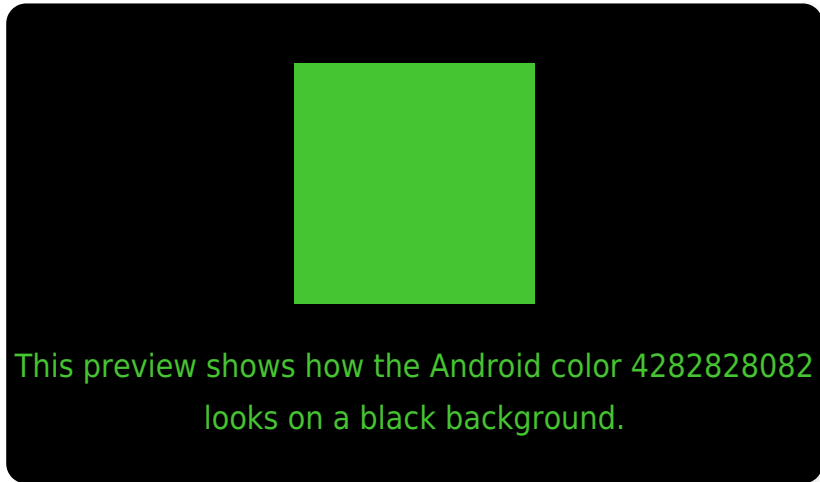
Large Text (above 18pt) WCAG AA × Fail

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 4282828082 Background



This preview shows how black text looks on a background with the Android color 4282828082.



This preview shows how white text looks on a background with the Android color 4282828082.

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



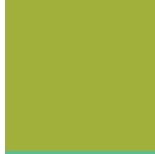
Trichromacy



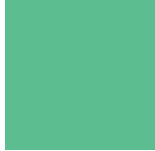
Original Color
4282828082



Protanomaly
4287935534



Deuteranomaly
4288786235



Tritanomaly
4284267921

Monochromacy



Original Color
4282828082



Achromatopsia
4287532686



Achromatomaly
4285833837

CSS Examples

Text

The CSS property to change the color of the text to Android 4282828082 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(70, 197, 50)` looks like.

```
.text, #text, p{  
    color:rgb(70, 197, 50)  
}
```

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(70, 197, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 197, 50) }
```

Border

The CSS property to change the border of an element to Android 4282828082 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(70, 197, 50) }
```

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

```
.border{ border-color:rgb(70, 197, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 197, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 197, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 197, 50);  
box-shadow:4px 4px 4px 4px rgb(70, 197,  
50) }
```

Background

The CSS property to change the background color of an element to Android 4282828082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 197, 50) }
```

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

```
.background{ background-color: rgb(70, 197,  
50) }
```

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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