

Converting Colors

Android(4282824758)

Have a look what the booklet for
Android(4282824758) contains.

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Color

Android(4282824758)

Conversions

Conversions Part 1

Format	Color
Hex	46B836
RGB	70, 184, 54
RGB Percent	27%, 72%, 21%
CMY	0.7255, 0.2784, 0.7882
CMYK	0.62, 0.00, 0.71, 0.28
HSL	113°, 55%, 47%
HSV	113°, 71%, 72%
XYZ	20.3321, 35.8494, 9.3380
YIQ	135.0940, -26.2140, -64.5980

Conversions

Conversions Part 2

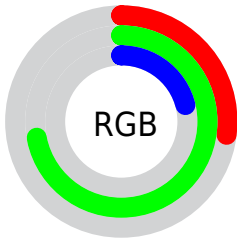
Format	Color
RYB	54, 184, 168
Decimal	4634678
CIELab	66.40, -56.16, 53.88
CIELCh	66, 77.826, 136.188
Yxy	35.8494, 0.3103, 0.5472
Android (android.graphics.Color)	4282824758 (0xFF46B836)
YUV	135.0940, -39.9793, -57.0874
Hunter-Lab	59.8744, -44.1652, 32.6652

Details

The Android color `4282824758` is a dark color, and the websafe version is hex `66CC33`. A complement of this color would be `4289214136`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4286837100`, and `4278223360` is the 20% darker color. If you saturate the color by 10%, you get `4281776164`, and if you desaturate by 10%, it is `4283873352`.

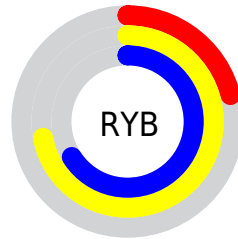
Distribution



Red (27%)

Green (72%)

Blue (21%)



Red (21%)

Yellow (72%)

Blue (66%)

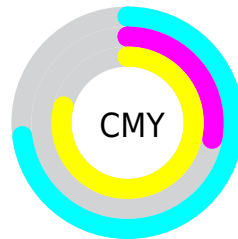


Cyan (62%)

Magenta (0%)

Yellow (71%)

Black (28%)



Cyan (73%)

Magenta (28%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282824758 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 4282824758 by changing the saturation by 10% instead.

 4282824758

 4282824758

4294967295

 4280392728

 4286837100

 4278223360

 4288741255

 4278216704

 4290707362

 4278210048

 4292607934

 4278203904

 4294574043


 4278197760

 4294967288

 4278190080

 4282824758

 4282824758

 4281776164

 4283873352

■ 4280727569

■ 4284921947

■ 4279744512

■ 4285970541

■ 4287084672

■ 4288133266

■ 4289181860

■ 4290230455

■ 4291279049

■ 4292327644

Harmonies

Analogous

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



4288588288



4282824758



4278239102

Triad

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



4282824758



4278236159



4294924415

Complementary

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



4282824758



4289214136

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.



4294925509



4282824758



4283342335

Square

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



4282824758



4278238975



4292050175



4294931261

Rectangle

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



4282824758



4278239663



4292050175



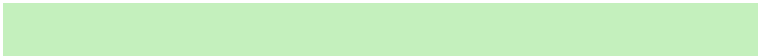
4294923414

Sweetspot

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



4282824758



4291096765



4290291510



4284381274



4294440951



4286085240

Same Dimension

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



4282824758



4282249252



4281776230



4283718739



4279475200



4278393856

Inverse Universe

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



4289214136



4292289776



4290262664



4284175196



4287103132



4279828508

Previews

White Background



This preview shows how the Android color 4282824758 looks on a white background.

Color Contrast Check

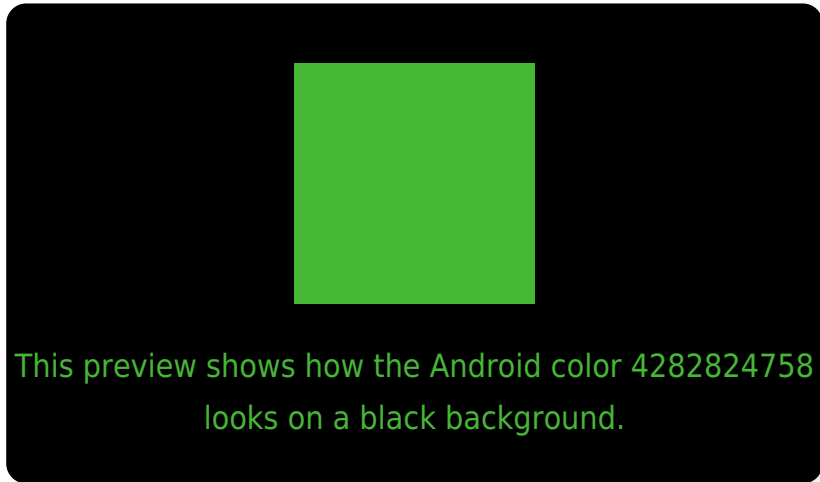
Large Text (above 18pt) WCAG AA × Fail

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 4282824758 Background



This preview shows how black text looks on a background with the Android color 4282824758.



This preview shows how white text looks on a background with the Android color 4282824758.

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
4282824758

Protanopia
4290027824

Deuteranopia
4291270721

Trichromacy



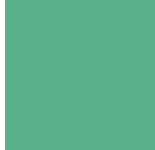
Original Color
4282824758



Protanomaly
4287408434



Deuteranomaly
4288193597



Tritanomaly
4284067978

Monochromacy



Original Color
4282824758



Achromatopsia
4287072135



Achromatomaly
4285503850

CSS Examples

Text

The CSS property to change the color of the text to Android 4282824758 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, 184, 54)` looks like.

```
.text, #text, p{  
    color:rgb(70, 184, 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(70, 184, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 184, 54) }
```

Border

The CSS property to change the border of an element to Android 4282824758 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, 184, 54) }
```

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

```
.border{ border-color:rgb(70, 184, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 184, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 184, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 184, 54);  
box-shadow:4px 4px 4px 4px rgb(70, 184,  
54) }
```

Background

The CSS property to change the background color of an element to Android 4282824758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 184, 54) }
```

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

```
.background{ background-color: rgb(70, 184,  
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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