

Converting Colors

Android(4282826586)

Have a look what the booklet for
Android(4282826586) contains.

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Color

Android(4282826586)

Conversions

Conversions Part 1

Format	Color
Hex	46BF5A
RGB	70, 191, 90
RGB Percent	27%, 75%, 35%
CMY	0.7255, 0.2510, 0.6471
CMYK	0.63, 0.00, 0.53, 0.25
HSL	130°, 49%, 51%
HSV	130°, 63%, 75%
XYZ	23.0021, 39.3019, 16.0465
YIQ	143.3070, -39.6950, -57.0630

Conversions

Conversions Part 2

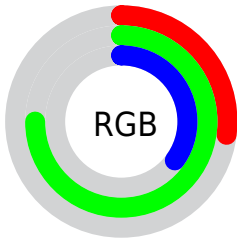
Format	Color
RYB	70, 174, 191
Decimal	4636506
CIELab	68.97, -54.66, 40.86
CIELCh	69, 68.242, 143.223
Yxy	39.3019, 0.2936, 0.5016
Android (android.graphics.Color)	4282826586 (0xFF46BF5A)
YUV	143.3070, -26.2804, -64.2902
Hunter-Lab	62.6912, -44.2161, 28.7079

Details

The Android color **4282826586** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **4290725547**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4286838926**, and **4278224936** is the 20% darker color. If you saturate the color by 10%, you get **4281581386**, and if you desaturate by 10%, it is **4284071786**.

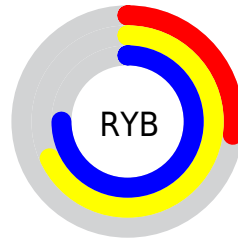
Distribution



Red (27%)

Green (75%)

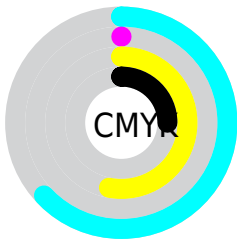
Blue (35%)



Red (27%)

Yellow (68%)

Blue (75%)

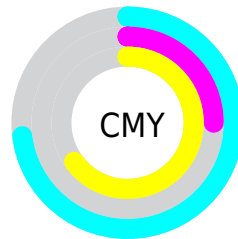


Cyan (63%)

Magenta (0%)

Yellow (53%)

Black (25%)



Cyan (73%)

Magenta (25%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282826586 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 4282826586 by changing the saturation by 10% instead.

 4282826586

 4282826586

4294967295

 4280394561

 4286838926

 4278224936

 4288741289

 4278218251

 4290641861

 4278211584

 4292607969

 4278205440


 4294574078

 4278199552

 4278190080

 4282826586

 4282826586

 4281581386

 4284071786

■ 4280336186

■ 4285316986

■ 4279090986

■ 4286562186

■ 4278239008

■ 4287807386

■ 4289118122

■ 4290363322

■ 4291608522

■ 4292853722

■ 4294098921

Harmonies

Analogous

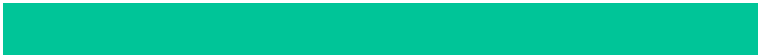
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288262952



4282826586



4278240664

Triad

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



4282826586



4278236415



4294930811

Complementary

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



4282826586



4290725547

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.



4294930105



4282826586



4287536895

Square

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



4282826586



4278239487



4293231347



4294936645

Rectangle

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



4282826586



4278240963



4293231347



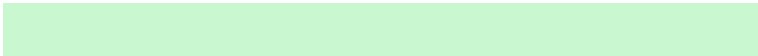
4294929807

Sweetspot

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



4282826586



4291360720



4289576774



4284513637



4294769916



4286414205

Same Dimension

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



4282826586



4282120026



4282826645



4283784790



4278230554



4278198021

Inverse Universe

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



4290725547



4294392792



4290725488



4284372317



4288544900



4280221722

Previews

White Background



This preview shows how the Android color 4282826586 looks on a white background.

Color Contrast Check

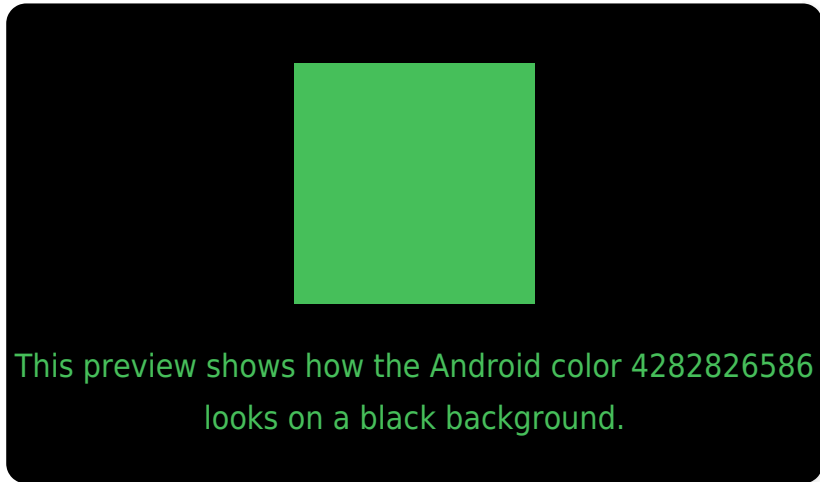
Large Text (above 18pt) WCAG AA × Fail

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 4282826586 Background



This preview shows how black text looks on a background with the Android color 4282826586.



This preview shows how white text looks on a background with the Android color 4282826586.

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
4282826586

Protanopia
4290357074

Deuteranopia
4291534690

Trichromacy



Original Color

4282826586



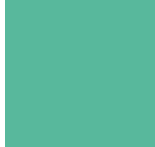
Protanomaly

4287606869



Deuteranomaly

4288392031



Tritanomaly

4284004508

Monochromacy



Original Color

4282826586



Achromatopsia

4287598479



Achromatomaly

4285833340

CSS Examples

Text

The CSS property to change the color of the text to Android 4282826586 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, 191, 90)` looks like.

```
.text, #text, p{  
    color:rgb(70, 191, 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(70, 191, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 191, 90) }
```

Border

The CSS property to change the border of an element to Android 4282826586 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, 191, 90) }
```

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

```
.border{ border-color:rgb(70, 191, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 191, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 191, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 191, 90);  
box-shadow:4px 4px 4px 4px rgb(70, 191,  
90) }
```

Background

The CSS property to change the background color of an element to Android 4282826586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 191, 90) }
```

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

```
.background{ background-color: rgb(70, 191,  
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](#).

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