

Converting Colors

Android(4280461887)

Have a look what the booklet for
Android(4280461887) contains.

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Color

Android(4280461887)

Conversions

Conversions Part 1

Format	Color
Hex	22AA3F
RGB	34, 170, 63
RGB Percent	13%, 67%, 25%
CMY	0.8667, 0.3333, 0.7529
CMYK	0.80, 0.00, 0.63, 0.33
HSL	133°, 67%, 40%
HSV	133°, 80%, 67%
XYZ	15.9316, 29.4484, 9.5471
YIQ	117.1380, -46.7090, -62.1090

Conversions

Conversions Part 2

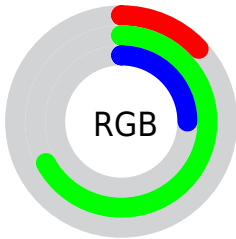
Format	Color
RYB	34, 146, 170
Decimal	2271807
CIELab	61.18, -56.97, 44.21
CIELCh	61, 72.110, 142.188
Yxy	29.4484, 0.2901, 0.5361
Android (android.graphics.Color)	4280461887 (0xFF22AA3F)
YUV	117.1380, -26.6900, -72.9120
Hunter-Lab	54.2664, -42.5619, 27.5556

Details

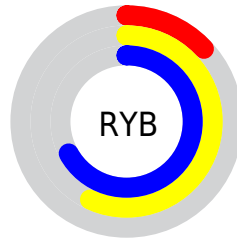
The Android color `4280461887` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4289340045`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4284998259`, and `4278219781` is the 20% darker color. If you saturate the color by 10%, you get `4279347762`, and if you desaturate by 10%, it is `4281576012`.

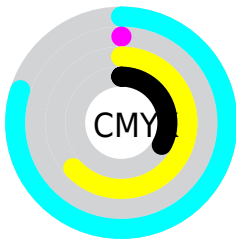
Distribution



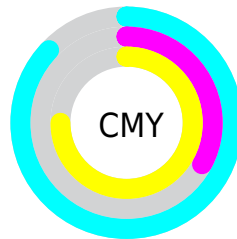
- Red (13%)
- Green (67%)
- Blue (25%)



- Red (13%)
- Yellow (57%)
- Blue (67%)



- Cyan (80%)
- Magenta (0%)
- Yellow (63%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280461887 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 4280461887 by changing the saturation by 10% instead.

 4280461887

 4280461887

4294967295

 4278226725

 4284998259

 4278219781

 4286971789

 4278213120

 4288937896

 4278206720

 4290904004

 4278201088

 4292804577

 4278192128

4294836222

 4278190080

 4280461887

 4280461887

 4279347762

 4281576012

■ 4278233636

■ 4282690138

■ 4283804263

■ 4284918388

■ 4286032514

■ 4287146639

■ 4288260765

■ 4289374890

■ 4290489015

Harmonies

Analogous

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



4286881280



4280461887



4278235264

Triad

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



4280461887



4278231295



4294923368

Complementary

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



4280461887



4289340045

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.



4294726055



4280461887



4285369087

Square

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



4280461887



4278234360



4291783651



4293685293

Rectangle

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



4280461887



4278235565



4291783651



4294922108

Sweetspot

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



4280461887



4289322676



4287605282



4283461719



4293980400



4285558896

Same Dimension

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



4280461887



4278836790



4280461953



4283192398



4278228000



4278195204

Inverse Universe

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



4289340045



4292741552



4289339979



4283714642



4287889524



4279500816

Previews

White Background



This preview shows how the Android color 4280461887 looks on a white background.

Color Contrast Check

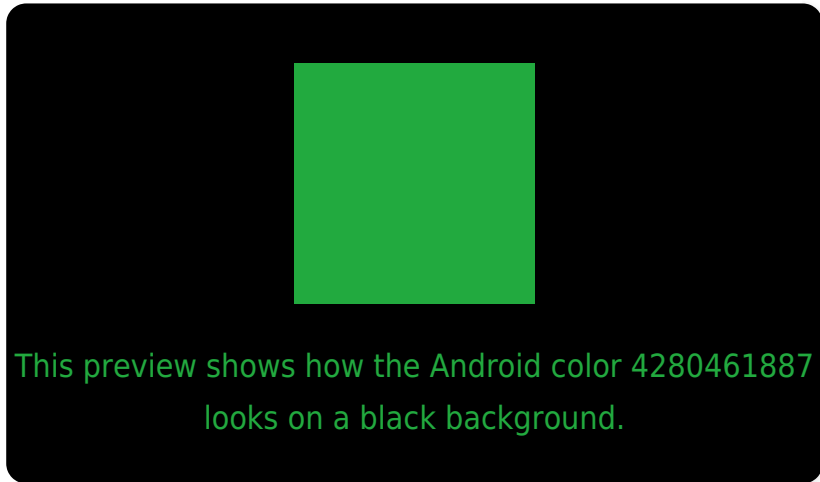
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280461887 Background



This preview shows how black text looks on a background with the Android color 4280461887.



This preview shows how white text looks on a background with the Android color 4280461887.

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
4280461887

Protanopia
4288910136

Deuteranopia
4290022216

Trichromacy



Original Color

4280461887



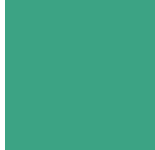
Protanomaly

4285831995



Deuteranomaly

4286551621



Tritanomaly

4282164100

Monochromacy



Original Color

4280461887



Achromatopsia

4285887861



Achromatomaly

4283926625

CSS Examples

Text

The CSS property to change the color of the text to Android 4280461887 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(34, 170, 63)` looks like.

```
.text, #text, p{  
    color:rgb(34, 170, 63)  
}
```

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(34, 170, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 170, 63) }
```

Border

The CSS property to change the border of an element to Android 4280461887 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(34, 170, 63) }
```

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

```
.border{ border-color:rgb(34, 170, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 170, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 170, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 170, 63);  
box-shadow:4px 4px 4px 4px rgb(34, 170,  
63) }
```

Background

The CSS property to change the background color of an element to Android 4280461887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 170, 63) }
```

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

```
.background{ background-color: rgb(34, 170,  
63) }
```

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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