

Converting Colors

Android(4280120887)

Have a look what the booklet for
Android(4280120887) contains.

Android(4280120887)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280120887)

Conversions

Conversions Part 1

Format	Color
Hex	1D7637
RGB	29, 118, 55
RGB Percent	11%, 46%, 22%
CMY	0.8863, 0.5373, 0.7843
CMYK	0.75, 0.00, 0.53, 0.54
HSL	138°, 61%, 29%
HSV	138°, 75%, 46%
XYZ	7.6747, 13.4939, 5.8145
YIQ	84.2070, -32.8210, -38.4610

Conversions

Conversions Part 2

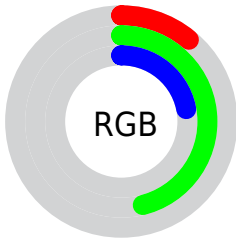
Format	Color
RYB	29, 98, 118
Decimal	1930807
CIELab	43.50, -40.35, 27.27
CIElCh	43, 48.697, 145.947
Yxy	13.4939, 0.2844, 0.5001
Android (android.graphics.Color)	4280120887 (0xFF1D7637)
YUV	84.2070, -14.3991, -48.4165
Hunter-Lab	36.7341, -26.9912, 16.3290

Details

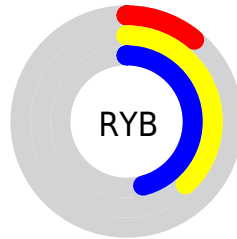
The Android color `4280120887` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285930844`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4283935591`, and `4278207497` is the 20% darker color. If you saturate the color by 10%, you get `4279334447`, and if you desaturate by 10%, it is `4280907327`.

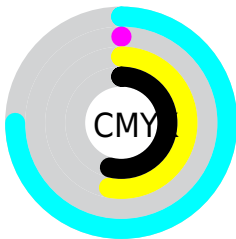
Distribution



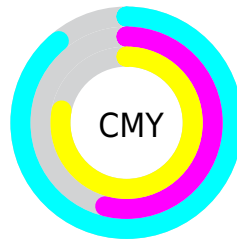
- Red (11%)
- Green (46%)
- Blue (22%)



- Red (11%)
- Yellow (38%)
- Blue (46%)



- Cyan (75%)
- Magenta (0%)
- Yellow (53%)
- Black (54%)



- Cyan (89%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280120887 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 4280120887 by changing the saturation by 10% instead.

 4280120887

 4280120887

4294967295

 4278213920

 4283935591

 4278207497

 4285777793

 4278201600

 4287554459

 4278195456

 4289396662

 4278190080

 4291297234

 4293132270

 4280120887

 4280120887

 4279334447

 4280907327

■ 4278548006

■ 4281693768

■ 4278220322

■ 4282414672

■ 4283201112

■ 4283987553

■ 4284773993

■ 4285560433

■ 4286281338

■ 4287067778

Harmonies

Analogous

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



4284051220



4280120887



4278221152

Triad

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



4280120887



4278218167



4289610566

Complementary

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



4280120887



4285930844

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.



4289478766



4280120887



4284243632

Square

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



4280120887



4278220457



4287777941



4288500515

Rectangle

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



4280120887



4278221436



4287777941



4289740883

Sweetspot

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



4280120887



4285962624



4284315165



4281814333



4291611852



4283256141

Same Dimension

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



4280120887



4279146806



4280120931



4281678646



4278221348



4278254153

Inverse Universe

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



4285930844



4288220784



4285930800



4282070329



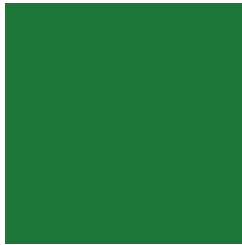
4286185559



4294574257

Previews

White Background



This preview shows how the Android color 4280120887 looks on a white background.

Color Contrast Check

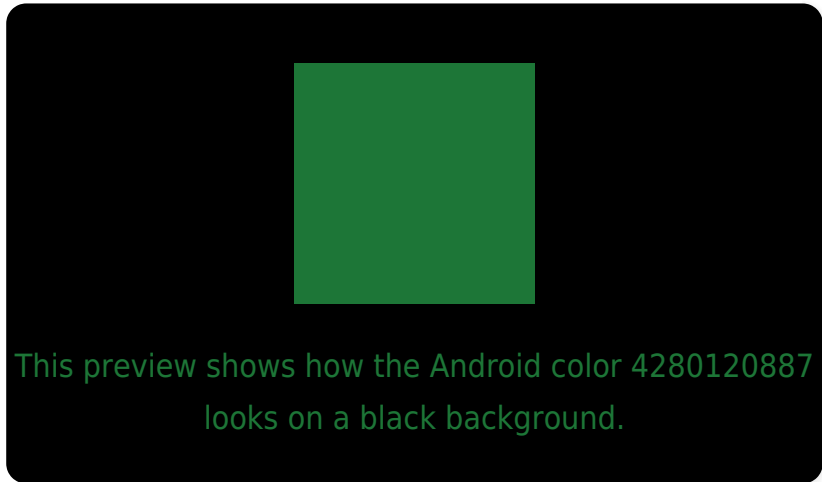
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

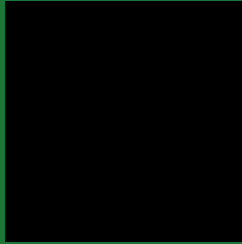
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4280120887 Background



This preview shows how black text looks on a background with the Android color 4280120887.



This preview shows how white text looks on a background with the Android color 4280120887.

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
4280120887

Protanopia
4285621810

Deuteranopia
4286341692

Trichromacy



Original Color
4280120887

Protanomaly
4283591732

Deuteranomaly
4284049722

Tritanomaly
4281102944

Monochromacy



Original Color
4280120887

Achromatopsia
4283716692

Achromatomaly
4282409033

CSS Examples

Text

The CSS property to change the color of the text to Android 4280120887 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(29, 118, 55)` looks like.

```
.text, #text, p{  
    color:rgb(29, 118, 55)  
}
```

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(29, 118, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 118, 55) }
```

Border

The CSS property to change the border of an element to Android 4280120887 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(29, 118, 55) }
```

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

```
.border{ border-color:rgb(29, 118, 55) }
```

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

Here you see how a box with a 4 pixel rgb(29, 118, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 118, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 118, 55);  
box-shadow:4px 4px 4px 4px rgb(29, 118,  
55) }
```

Background

The CSS property to change the background color of an element to Android 4280120887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 118, 55) }
```

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

```
.background{ background-color: rgb(29, 118,  
55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor