

Converting Colors

Android(4287804020)

Have a look what the booklet for
Android(4287804020) contains.

Android(4287804020)	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(4287804020)

Conversions

Conversions Part 1

Format	Color
Hex	92B274
RGB	146, 178, 116
RGB Percent	57%, 70%, 45%
CMY	0.4275, 0.3020, 0.5451
CMYK	0.18, 0.00, 0.35, 0.30
HSL	91°, 29%, 58%
HSV	91°, 35%, 70%
XYZ	30.9268, 39.2127, 22.4618
YIQ	161.3640, 0.8300, -26.0660

Conversions

Conversions Part 2

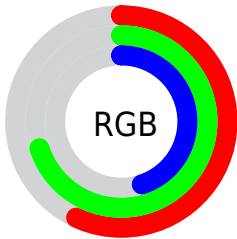
Format	Color
RYB	116, 178, 148
Decimal	9613940
CIELab	68.91, -22.07, 28.21
CIElCh	69, 35.818, 128.031
Yxy	39.2127, 0.3340, 0.4235
Android (android.graphics.Color)	4287804020 (0xFF92B274)
YUV	161.3640, -22.3645, -13.4742
Hunter-Lab	62.6201, -21.4274, 22.5668

Details

The Android color `4287804020` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4287919282`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4291422889`, and `4284382531` is the 20% darker color. If you saturate the color by 10%, you get `4287214178`, and if you desaturate by 10%, it is `4288393862`.

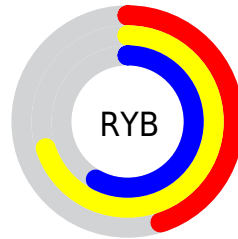
Distribution



Red (57%)

Green (70%)

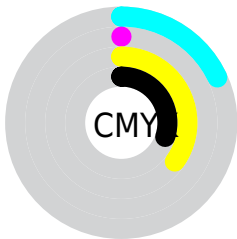
Blue (45%)



Red (45%)

Yellow (70%)

Blue (58%)

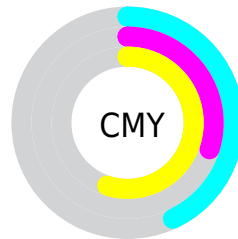


Cyan (18%)

Magenta (0%)

Yellow (35%)

Black (30%)



Cyan (43%)

Magenta (30%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287804020 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 4287804020 by changing the saturation by 10% instead.



4287804020



4287804020

4294967295



4286093147



4291422889



4284382531



4293263300



4282803244



4294967264



4281224213

4294967293



4279710976



4278198272



4278190080



4287804020



4287804020



4287214178



4288393862

■ 4286624336

■ 4288983704

■ 4285968959

■ 4289639081

■ 4285379117

■ 4290228923

■ 4284789275

■ 4290818765

■ 4284199433

■ 4291408607

■ 4283871744

■ 4291998449

■ 4292588287

■ 4293243647

Harmonies

Analogous

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



4290095463



4287804020



4285184143

Triad

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



4287804020



4283609828



4293365665

Complementary

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



4287804020



4287919282

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.



4292383681



4287804020



4287146216

Square

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



4287804020



4280924367



4290223579



4293170306

Rectangle

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



4287804020



4283349413



4290223579



4293169068

Sweetspot

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



4287804020



4292667601



4289893236



4285429095



4294309365



4285887861

Same Dimension

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



4287804020



4290177159



4285837940



4283783504



4283078912



4278983168

Inverse Universe

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



4287919282



4290349032



4289885362



4283781209



4283367577



4279042074

Previews

White Background



This preview shows how the Android color 4287804020 looks on a white background.

Color Contrast Check

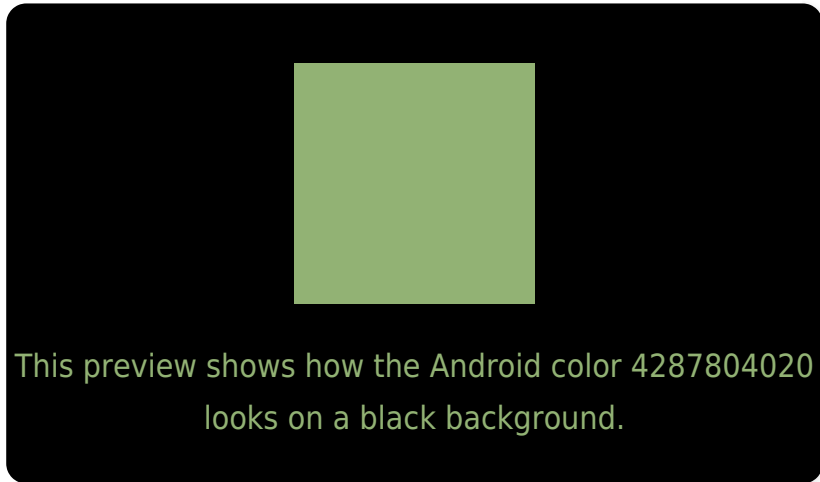
Large Text (above 18pt) WCAG AA × Fail

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 4287804020 Background



This preview shows how black text looks on a background with the Android color 4287804020.



This preview shows how white text looks on a background with the Android color 4287804020.

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
4287804020

Protanopia
4290160752

Deuteranopia
4291273080

Trichromacy



Original Color
4287804020

Protanomaly
4289309809

Deuteranomaly
4290029431

Tritanomaly
4288195999

Monochromacy



Original Color
4287804020

Achromatopsia
4288782753

Achromatomaly
4288456593

CSS Examples

Text

The CSS property to change the color of the text to Android 4287804020 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(146, 178, 116)` looks like.

```
.text, #text, p{  
    color:rgb(146, 178, 116)  
}
```

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(146, 178, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 178, 116) }
```

Border

The CSS property to change the border of an element to Android 4287804020 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(146, 178, 116) }
```

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

```
.border{ border-color:rgb(146, 178, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 178, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 178, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 178, 116);  
box-shadow:4px 4px 4px 4px rgb(146, 178,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4287804020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 178, 116) }
```

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

```
.background{ background-color: rgb(146,  
178, 116) }
```

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