

Converting Colors

Android(4280842021)

Have a look what the booklet for
Android(4280842021) contains.

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Color

Android(4280842021)

Conversions

Conversions Part 1

Format	Color
Hex	287725
RGB	40, 119, 37
RGB Percent	16%, 47%, 15%
CMY	0.8431, 0.5333, 0.8549
CMYK	0.66, 0.00, 0.69, 0.53
HSL	118°, 53%, 31%
HSV	118°, 69%, 47%
XYZ	7.8058, 13.7783, 3.9983
YIQ	86.0310, -20.7620, -42.2500

Conversions

Conversions Part 2

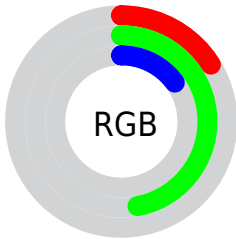
Format	Color
RYB	37, 119, 116
Decimal	2651941
CIELab	43.91, -40.91, 36.82
CIElCh	44, 55.042, 138.012
Yxy	13.7783, 0.3051, 0.5386
Android (android.graphics.Color)	4280842021 (0xFF287725)
YUV	86.0310, -24.1723, -40.3692
Hunter-Lab	37.1192, -27.4216, 19.5969

Details

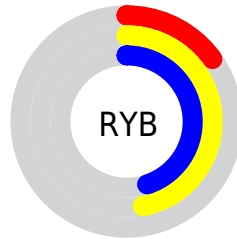
The Android color `4280842021` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4285801847`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284525654`, and `4278207744` is the 20% darker color. If you saturate the color by 10%, you get `4280121113`, and if you desaturate by 10%, it is `4281562929`.

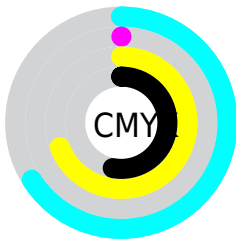
Distribution



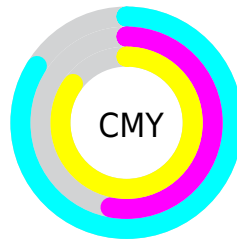
- Red (16%)
- Green (47%)
- Blue (15%)



- Red (15%)
- Yellow (47%)
- Blue (45%)



- Cyan (66%)
- Magenta (0%)
- Yellow (69%)
- Black (53%)



- Cyan (84%)
- Magenta (53%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280842021 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 4280842021 by changing the saturation by 10% instead.



4280842021



4280842021

4294967295



4278214154



4284525654



4278207744



4286302319



4278201856



4288144522



4278195712



4289986468



4278190080



4291821504



4293722076



4294967289



4280842021



4280842021

■ 4280121113

■ 4281562929

■ 4279334669

■ 4282349373

■ 4278613761

■ 4283070281

■ 4278482688

■ 4283856725

■ 4284577633

■ 4285364076

■ 4286084984

■ 4286871428

■ 4287592336

Harmonies

Analogous

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



4284706304



4280842021



4278221907

Triad

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



4280842021



4278219458



4290328910

Complementary

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



4280842021



4285801847

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.



4289739644



4280842021



4282213311

Square

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



4280842021



4278221483



4287385254



4289415972

Rectangle

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



4280842021



4278222195



4287385254



4290328413

Sweetspot

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



4280842021



4286356603



4286018341



4282142523



4291809231



4283387727

Same Dimension

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



4280842021



4280261658



4280645450



4281678645



4278483456



4278843904

Inverse Universe

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



4285801847



4288092828



4285998418



4282004795



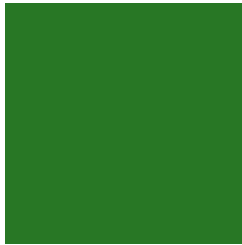
4285923450



4293984506

Previews

White Background



This preview shows how the Android color 4280842021 looks on a white background.

Color Contrast Check

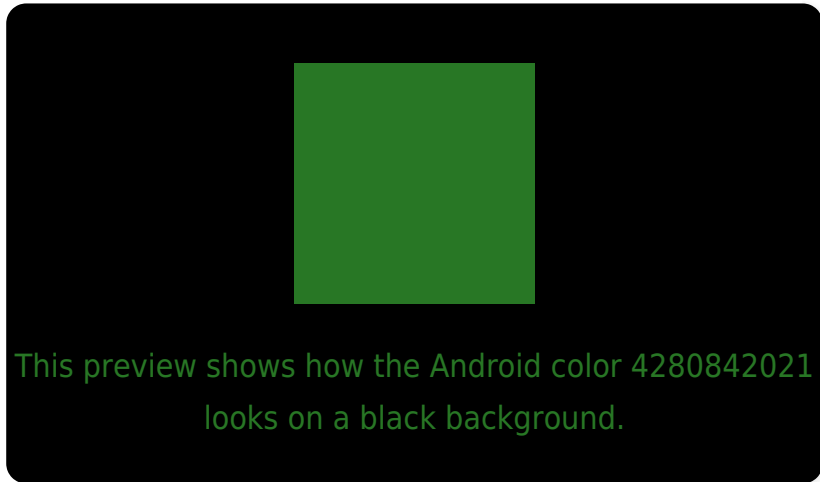
Large Text (above 18pt) WCAG AA ✓ Pass

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

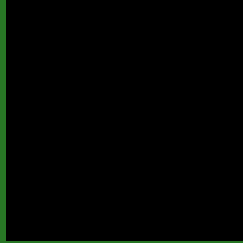
Any Text WCAG AA × Fail

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 4280842021 Background



This preview shows how black text looks on a background with the Android color 4280842021.



This preview shows how white text looks on a background with the Android color 4280842021.

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
4280842021

Protanopia
4285818657

Deuteranopia
4286603820

Trichromacy



Original Color
4280842021

Protanomaly
4283985186

Deuteranomaly
4284508713

Tritanomaly
4281692762

Monochromacy



Original Color
4280842021

Achromatopsia
4283848278

Achromatomaly
4282737220

CSS Examples

Text

The CSS property to change the color of the text to Android 4280842021 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(40, 119, 37)` looks like.

```
.text, #text, p{  
    color:rgb(40, 119, 37)  
}
```

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(40, 119, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 119, 37) }
```

Border

The CSS property to change the border of an element to Android 4280842021 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(40, 119, 37) }
```

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

```
.border{ border-color:rgb(40, 119, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 119, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 119, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 119, 37);  
box-shadow:4px 4px 4px 4px rgb(40, 119,  
37) }
```

Background

The CSS property to change the background color of an element to Android 4280842021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 119, 37) }
```

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

```
.background{ background-color: rgb(40, 119,  
37) }
```

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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