

Converting Colors

Android(4281704020)

Have a look what the booklet for
Android(4281704020) contains.

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Color

Android(4281704020)

Conversions

Conversions Part 1

Format	Color
Hex	359E54
RGB	53, 158, 84
RGB Percent	21%, 62%, 33%
CMY	0.7922, 0.3804, 0.6706
CMYK	0.66, 0.00, 0.47, 0.38
HSL	138°, 50%, 41%
HSV	138°, 66%, 62%
XYZ	15.2953, 25.8507, 12.5710
YIQ	118.1690, -38.8260, -45.2740

Conversions

Conversions Part 2

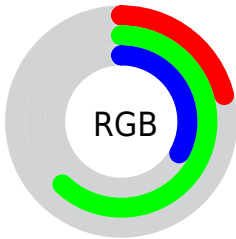
Format	Color
RYB	53, 134, 158
Decimal	3513940
CIELab	57.90, -46.55, 30.02
CIELCh	58, 55.390, 147.184
Yxy	25.8507, 0.2847, 0.4812
Android (android.graphics.Color)	4281704020 (0xFF359E54)
YUV	118.1690, -16.8453, -57.1532
Hunter-Lab	50.8436, -35.2781, 20.9311

Details

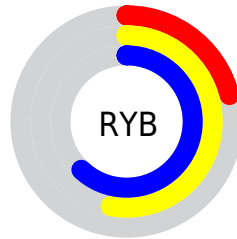
The Android color `4281704020` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288558463`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4285585031`, and `4278216996` is the 20% darker color. If you saturate the color by 10%, you get `4280655433`, and if you desaturate by 10%, it is `4282752607`.

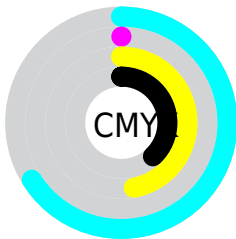
Distribution



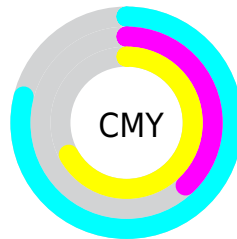
- Red (21%)
- Green (62%)
- Blue (33%)



- Red (21%)
- Yellow (53%)
- Blue (62%)



- Cyan (66%)
- Magenta (0%)
- Yellow (47%)
- Black (38%)





- Cyan (79%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281704020 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 4281704020 by changing the saturation by 10% instead.

 4281704020

 4281704020

4294967295

 4279010108

 4285585031

 4278216996

 4287427233

 4278210573

 4289331133


 4278204416

 4291231705

 4278198784

 4293132277

 4278190080

 4281704020

 4281704020

 4280655433

 4282752607

 4279606846

 4283801194

 4278623795

 4284784245

 4278230575

 4285832833

 4286881420

 4287930007

 4288978594

 4289961645

 4291010232

Harmonies

Analogous

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



4286158125



4281704020



4278231685

Triad

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



4281704020



4278227692



4292961122

Complementary

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



4281704020



4288558463

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.



4292828818



4281704020



4286873826

Square

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



4281704020



4278230492



4290931904



4291654713

Rectangle

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



4281704020



4278231718



4290931904



4293156721

Sweetspot

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



4281704020



4289056689



4286619189



4283394391



4293454056



4285098345

Same Dimension

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



4281704020



4280930138



4281704071



4282863433



4278226730



4278193925

Inverse Universe

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



4288558463



4291766686



4288558412



4283385677



4287561829



4279173131

Previews

White Background



This preview shows how the Android color 4281704020 looks on a white background.

Color Contrast Check

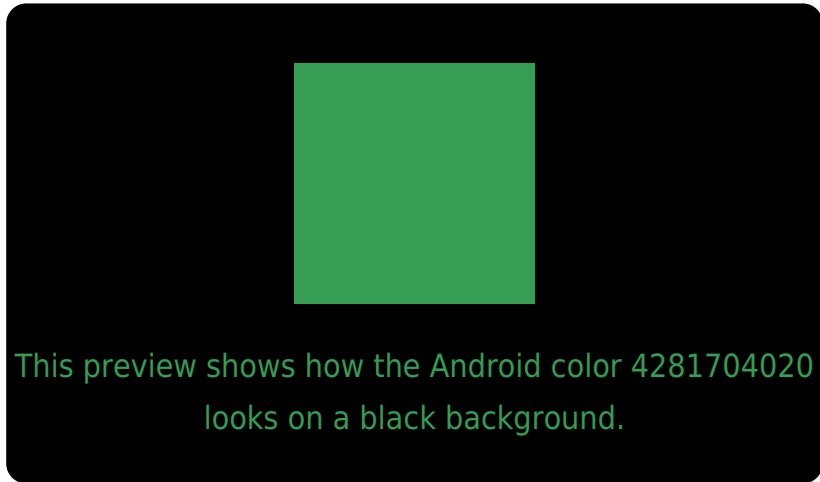
Large Text (above 18pt) WCAG AA ✓ Pass

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

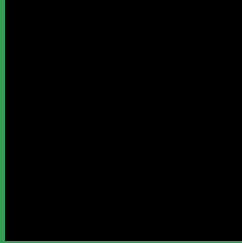
Any Text WCAG AA ✓ Pass

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 4281704020 Background



This preview shows how black text looks on a background with the Android color 4281704020.



This preview shows how white text looks on a background with the Android color 4281704020.

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
4281704020

Protanopia
4288186957

Deuteranopia
4289102938

Trichromacy



Original Color
4281704020



Protanomaly
4285829456



Deuteranomaly
4286418264



Tritanomaly
4282685573

Monochromacy



Original Color
4281704020



Achromatopsia
4285953654



Achromatomaly
4284384618

CSS Examples

Text

The CSS property to change the color of the text to Android 4281704020 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(53, 158, 84)` looks like.

```
.text, #text, p{  
    color:rgb(53, 158, 84)  
}
```

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(53, 158, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 158, 84) }
```

Border

The CSS property to change the border of an element to Android 4281704020 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(53, 158, 84) }
```

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

```
.border{ border-color:rgb(53, 158, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 158, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 158, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 158, 84);  
box-shadow:4px 4px 4px 4px rgb(53, 158,  
84) }
```

Background

The CSS property to change the background color of an element to Android 4281704020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 158, 84) }
```

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

```
.background{ background-color: rgb(53, 158,  
84) }
```

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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