

Converting Colors

Android(4281970512)

Have a look what the booklet for
Android(4281970512) contains.

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Color

Android(4281970512)

Conversions

Conversions Part 1

Format	Color
Hex	39AF50
RGB	57, 175, 80
RGB Percent	22%, 69%, 31%
CMY	0.7765, 0.3137, 0.6863
CMYK	0.67, 0.00, 0.54, 0.31
HSL	132°, 51%, 45%
HSV	132°, 67%, 69%
XYZ	18.4653, 32.1090, 12.8139
YIQ	128.8880, -39.8330, -54.5610

Conversions

Conversions Part 2

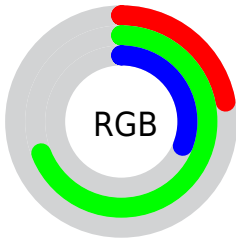
Format	Color
RYB	57, 156, 175
Decimal	3780432
CIELab	63.43, -52.80, 38.94
CIELCh	63, 65.607, 143.588
Yxy	32.1090, 0.2913, 0.5065
Android (android.graphics.Color)	4281970512 (0xFF39AF50)
YUV	128.8880, -24.1018, -63.0458
Hunter-Lab	56.6648, -40.9958, 26.2579




Details

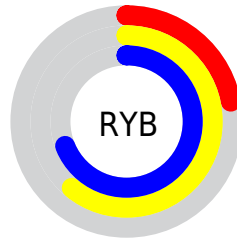
The Android color `4281970512` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4289673624`, and the grayscale version is `4286677377`.




A 20% lighter version of the original color is `4285982851`, and `4278221086` is the 20% darker color. If you saturate the color by 10%, you get `4280790850`, and if you desaturate by 10%, it is `4283150174`.

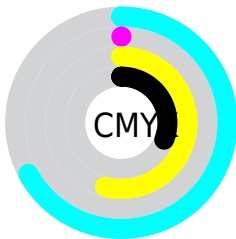
Distribution







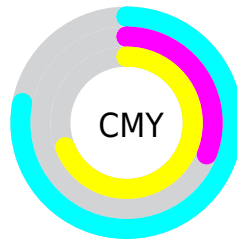
-  Red (22%)
-  Green (69%)
-  Blue (31%)






-  Red (22%)
-  Yellow (61%)
-  Blue (69%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (54%)
-  Black (31%)



-  Cyan (78%)
-  Magenta (31%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281970512 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 4281970512 by changing the saturation by 10% instead.



4281970512



4281970512

4294967295



4279014455



4285982851



4278221086



4287889310



4278214401



4289789882



4278208000



4291755990



4278202368



4293722098



4278195200



4278190080



4281970512



4281970512



4280790850



4283150174

■ 4279676724

■ 4284264300

■ 4278497062

■ 4285443962

■ 4278234914

■ 4286558088

■ 4287737750

■ 4288851877

■ 4290031539

■ 4291145665

■ 4292325327

Harmonies

Analogous

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



4287276062



4281970512



4278236299

Triad

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



4281970512



4278232319



4294927726

Complementary

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



4281970512



4289673624

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.



4294730153



4281970512



4286681087

Square

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



4281970512



4278235383



4292113888



4293622587

Rectangle

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



4281970512



4278236595



4292113888



4294926721

Sweetspot

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



4281970512



4290175934



4288261945



4283921245



4294111986



4285756275

Same Dimension

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



4281970512



4281066319



4281970570



4283324240



4278228509



4278195972

Inverse Universe

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



4289673624



4293077951



4289673566



4283911765



4288020601



4279697426

Previews

White Background



This preview shows how the Android color 4281970512 looks on a white background.

Color Contrast Check

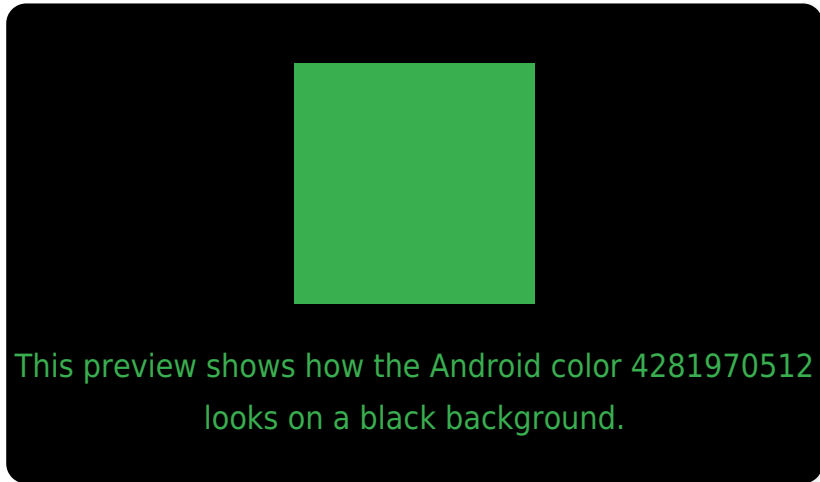
Large Text (above 18pt) WCAG AA × Fail

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 4281970512 Background



This preview shows how black text looks on a background with the Android color 4281970512.



This preview shows how white text looks on a background with the Android color 4281970512.

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
4281970512

Protanopia
4289304905

Deuteranopia
4290416984

Trichromacy



Original Color
4281970512



Protanomaly
4286619980



Deuteranomaly
4287339605



Tritanomaly
4283148686

Monochromacy



Original Color
4281970512



Achromatopsia
4286677377



Achromatomaly
4284977775

CSS Examples

Text

The CSS property to change the color of the text to Android 4281970512 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(57, 175, 80)` looks like.

```
.text, #text, p{  
    color:rgb(57, 175, 80)  
}
```

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(57, 175, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 175, 80) }
```

Border

The CSS property to change the border of an element to Android 4281970512 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(57, 175, 80) }
```

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

```
.border{ border-color:rgb(57, 175, 80) }
```

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

Here you see how a box with a 4 pixel rgb(57, 175, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 175, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 175, 80);  
box-shadow:4px 4px 4px 4px rgb(57, 175,  
80) }
```

Background

The CSS property to change the background color of an element to Android 4281970512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 175, 80) }
```

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

```
.background{ background-color: rgb(57, 175,  
80) }
```

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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