

Converting Colors

Android(4280636470)

Have a look what the booklet for
Android(4280636470) contains.

Android(4280636470)	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(4280636470)

Conversions

Conversions Part 1

Format	Color
Hex	255436
RGB	37, 84, 54
RGB Percent	15%, 33%, 21%
CMY	0.8549, 0.6706, 0.7882
CMYK	0.56, 0.00, 0.36, 0.67
HSL	142°, 39%, 24%
HSV	142°, 56%, 33%
XYZ	4.5991, 7.0003, 4.5988
YIQ	66.5270, -18.3820, -19.2940

Conversions

Conversions Part 2

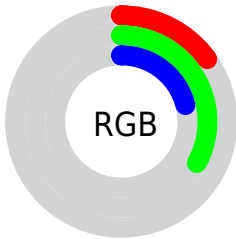
Format	Color
RYB	37, 72, 84
Decimal	2446390
CIELab	31.81, -23.87, 12.78
CIELCh	32, 27.071, 151.839
Yxy	7.0003, 0.2839, 0.4322
Android (android.graphics.Color)	4280636470 (0xFF255436)
YUV	66.5270, -6.1758, -25.8952
Hunter-Lab	26.4581, -15.2736, 8.2151

Details

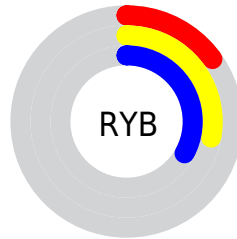
The Android color `4280636470` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4283704643`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4283860581`, and `4278199818` is the 20% darker color. If you saturate the color by 10%, you get `4280112177`, and if you desaturate by 10%, it is `4281160763`.

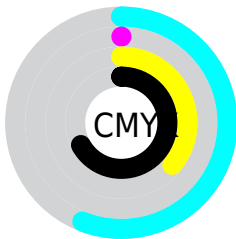
Distribution



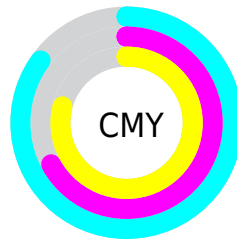
- Red (15%)
- Green (33%)
- Blue (21%)



- Red (15%)
- Yellow (28%)
- Blue (33%)



- Cyan (56%)
- Magenta (0%)
- Yellow (36%)
- Black (67%)



- Cyan (85%)
- Magenta (67%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280636470 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 4280636470 by changing the saturation by 10% instead.



4280636470



4280636470

4294967295



4278926624



4283860581



4278199818



4285505662



4278193152



4287216792



4278190080



4288993203



4290835662



4292673514



4294574079



4280636470



4280636470

■ 4280112177

■ 4281160763

■ 4279522347

■ 4281750593

■ 4278998054

■ 4282274886

■ 4278408225

■ 4282864715

■ 4278211614

■ 4283389009

■ 4283913302

■ 4284503132

■ 4285027425

■ 4285617254

Harmonies

Analogous

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



4282404901



4280636470



4278212171

Triad

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



4280636470



4280831349



4285676598

Complementary

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



4280636470



4283704643

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.



4285675850



4280636470



4283319663

Square

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



4280636470



4278211184



4284890463



4284957222

Rectangle

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



4280636470



4278212186



4284890463



4285741628

Sweetspot

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



4280636470



4284182114



4282668069



4281153585



4290295992



4281874488

Same Dimension

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



4280636470



4280577599



4280636493



4280625446



4278216998



4278249556

Inverse Universe

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



4283704643



4285408339



4283704620



4280886567



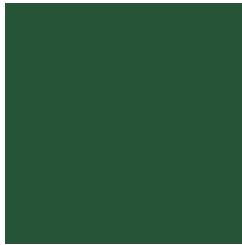
4285071427



4293394580

Previews

White Background



This preview shows how the Android color 4280636470 looks on a white background.

Color Contrast Check

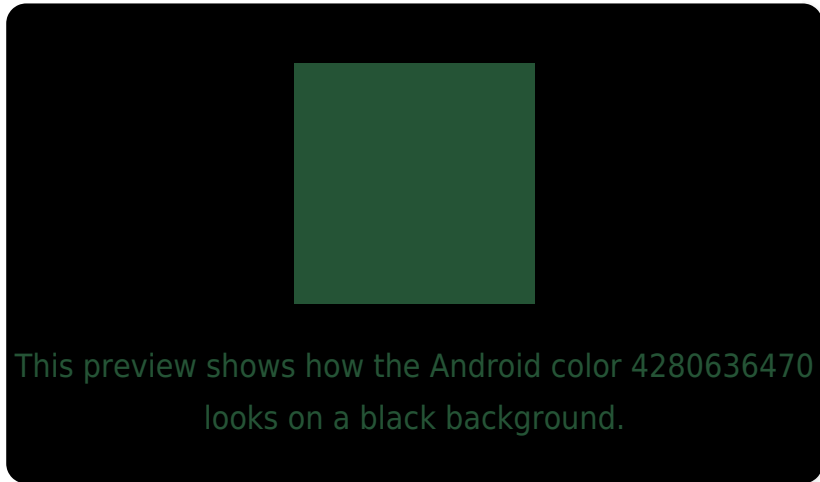
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4280636470 Background



This preview shows how black text looks on a background with the Android color 4280636470.



This preview shows how white text looks on a background with the Android color 4280636470.

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
4280636470

Protanopia
4283517746

Deuteranopia
4283975737

Trichromacy



Original Color
4280636470

Protanomaly
4282469939

Deuteranomaly
4282731576

Tritanomaly
4281028938

Monochromacy



Original Color
4280636470

Achromatopsia
4282598211

Achromatomaly
4281878846

CSS Examples

Text

The CSS property to change the color of the text to Android 4280636470 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(37, 84, 54)` looks like.

```
.text, #text, p{  
    color:rgb(37, 84, 54)  
}
```

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(37, 84, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 84, 54) }
```

Border

The CSS property to change the border of an element to Android 4280636470 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(37, 84, 54) }
```

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

```
.border{ border-color:rgb(37, 84, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 84, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 84, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 84, 54);  
box-shadow:4px 4px 4px 4px rgb(37, 84, 54)  
}
```

Background

The CSS property to change the background color of an element to Android 4280636470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 84, 54) }
```

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

```
.background{ background-color: rgb(37, 84,  
54) }
```

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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