

Converting Colors

Android(4280644661)

Have a look what the booklet for
Android(4280644661) contains.

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Color

Android(4280644661)

Conversions

Conversions Part 1

Format	Color
Hex	257435
RGB	37, 116, 53
RGB Percent	15%, 45%, 21%
CMY	0.8549, 0.5451, 0.7922
CMYK	0.68, 0.00, 0.54, 0.55
HSL	132°, 52%, 30%
HSV	132°, 68%, 45%
XYZ	7.6509, 13.1411, 5.5014
YIQ	85.1970, -26.8610, -36.3410

Conversions

Conversions Part 2

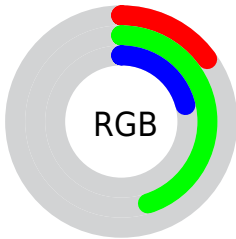
Format	Color
RYB	37, 103, 116
Decimal	2454581
CIELab	42.98, -38.32, 27.74
CIElCh	43, 47.305, 144.092
Yxy	13.1411, 0.2910, 0.4998
Android (android.graphics.Color)	4280644661 (0xFF257435)
YUV	85.1970, -15.8731, -42.2688
Hunter-Lab	36.2507, -25.7652, 16.3776

Details

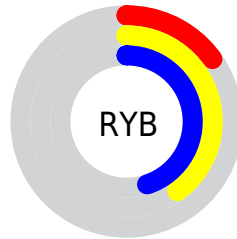
The Android color `4280644661` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285801828`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4284262757`, and `4278207238` is the 20% darker color. If you saturate the color by 10%, you get `4279858220`, and if you desaturate by 10%, it is `4281431102`.

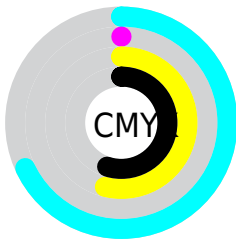
Distribution



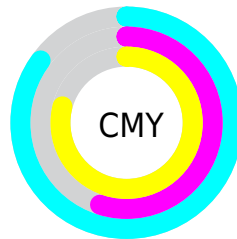
- Red (15%)
- Green (45%)
- Blue (21%)



- Red (15%)
- Yellow (40%)
- Blue (45%)



- Cyan (68%)
- Magenta (0%)
- Yellow (54%)
- Black (55%)



- Cyan (85%)
- Magenta (55%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280644661 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 4280644661 by changing the saturation by 10% instead.



4280644661



4280644661

4294967295



4278213406



4284262757



4278207238



4286039167



4278201344



4287881625



4278194688



4289658548



4278190080



4291559376



4293459948



4280644661



4280644661



4279858220



4281431102

■ 4279137314

■ 4282152008

■ 4278350873

■ 4282938449

■ 4278219799

■ 4283659354

■ 4284445795

■ 4285232237

■ 4285953142

■ 4286739583

■ 4287460488

Harmonies

Analogous

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



4284181781



4280644661



4278220636

Triad

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



4280644661



4278217907



4289413960

Complementary

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



4280644661



4285801828

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.



4289216623



4280644661



4283915949

Square

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



4280644661



4278220196



4287450516



4288434470

Rectangle

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



4280644661



4278220919



4287450516



4289478741

Sweetspot

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



4280644661



4286092926



4284773413



4282010942



4291611852



4283256141

Same Dimension

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



4280644661



4279998004



4280644700



4281678646



4278221337



4278254131

Inverse Universe

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



4285801828



4288027517



4285801789



4282070329



4286185570



4294574279

Previews

White Background



This preview shows how the Android color 4280644661 looks on a white background.

Color Contrast Check

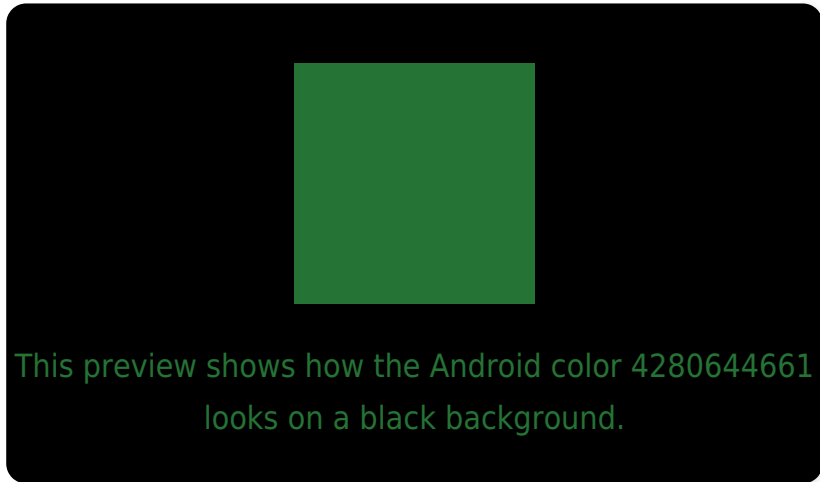
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280644661 Background



This preview shows how black text looks on a background with the Android color 4280644661.



This preview shows how white text looks on a background with the Android color 4280644661.

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
4280644661

Protanopia
4285556016

Deuteranopia
4286275642

Trichromacy



Original Color
4280644661

Protanomaly
4283787826

Deuteranomaly
4284245816

Tritanomaly
4281495646

Monochromacy



Original Color
4280644661

Achromatopsia
4283782485

Achromatomaly
4282671177

CSS Examples

Text

The CSS property to change the color of the text to Android 4280644661 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, 116, 53)` looks like.

```
.text, #text, p{  
    color:rgb(37, 116, 53)  
}
```

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, 116, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 116, 53) }
```

Border

The CSS property to change the border of an element to Android 4280644661 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, 116, 53) }
```

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

```
.border{ border-color:rgb(37, 116, 53) }
```

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

Here you see how a box with a 4 pixel rgb(37, 116, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 116, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 116, 53);  
box-shadow:4px 4px 4px 4px rgb(37, 116,  
53) }
```

Background

The CSS property to change the background color of an element to Android 4280644661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 116, 53) }
```

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

```
.background{ background-color: rgb(37, 116,  
53) }
```

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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