

Converting Colors

Android(4280835624)

Have a look what the booklet for
Android(4280835624) contains.

Android(4280835624)	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(4280835624)

Conversions

Conversions Part 1

Format	Color
Hex	285E28
RGB	40, 94, 40
RGB Percent	16%, 37%, 16%
CMY	0.8431, 0.6314, 0.8431
CMYK	0.57, 0.00, 0.57, 0.63
HSL	120°, 40%, 26%
HSV	120°, 57%, 37%
XYZ	5.2608, 8.6097, 3.3921
YIQ	71.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

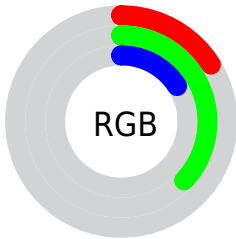
Format	Color
R_{YB}	40, 94, 94
Decimal	2645544
CIE _{Lab}	35.22, -30.23, 25.38
CIE _{LCh}	35, 39.476, 139.986
Yxy	8.6097, 0.3048, 0.4988
Android (android.graphics.Color)	4280835624 (0xFF285E28)
YUV	71.6980, -15.6271, -27.7991
Hunter-Lab	29.3423, -19.3459, 13.6855

Details

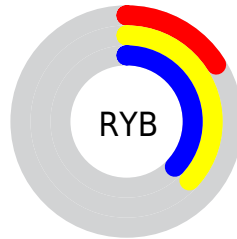
The Android color **4280835624** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4284360798**, and the grayscale version is **4282927176**.

A 20% lighter version of the original color is **4284191063**, and **4278202112** is the 20% darker color. If you saturate the color by 10%, you get **4280245791**, and if you desaturate by 10%, it is **4281425457**.

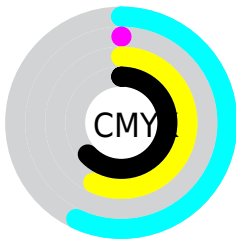
Distribution



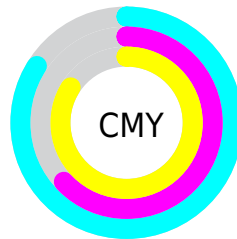
- Red (16%)
- Green (37%)
- Blue (16%)



- Red (16%)
- Yellow (37%)
- Blue (37%)



- Cyan (57%)
- Magenta (0%)
- Yellow (57%)
- Black (63%)



- Cyan (84%)
- Magenta (63%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280835624 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 4280835624 by changing the saturation by 10% instead.



4280835624



4280835624

4294967295



4278994450



4284191063



4278202112



4285901936



4278196992



4287612809



4278190080



4289389476



4291231679



4293132251



4294967288



4280835624



4280835624

■ 4280245791

■ 4281425457

■ 4279590421

■ 4282080827

■ 4279000588

■ 4282670660

■ 4278345218

■ 4283326030

■ 4278214144

■ 4283915863

■ 4284505696

■ 4285161066

■ 4285750899

■ 4286406269

Harmonies

Analogous

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



4283389969



4280835624



4278214983

Triad

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



4280835624



4278213009



4287379007

Complementary

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



4280835624



4284360798

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.



4287051359



4280835624



4282404750

Square

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



4280835624



4278214787



4285481340



4286726435

Rectangle

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



4280835624



4278215261



4285481340



4287378762

Sweetspot

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



4280835624



4284906086



4284374568



4281417009



4290624957



4282203453

Same Dimension

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



4280835624



4280711718



4280835651



4280888873



4278218240



4278250752

Inverse Universe

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



4284360798



4286195322



4284360771



4281215278



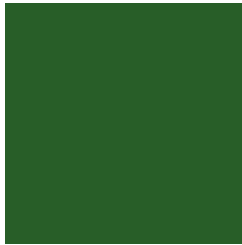
4285399150



4293722349

Previews

White Background



This preview shows how the Android color 4280835624 looks on a white background.

Color Contrast Check

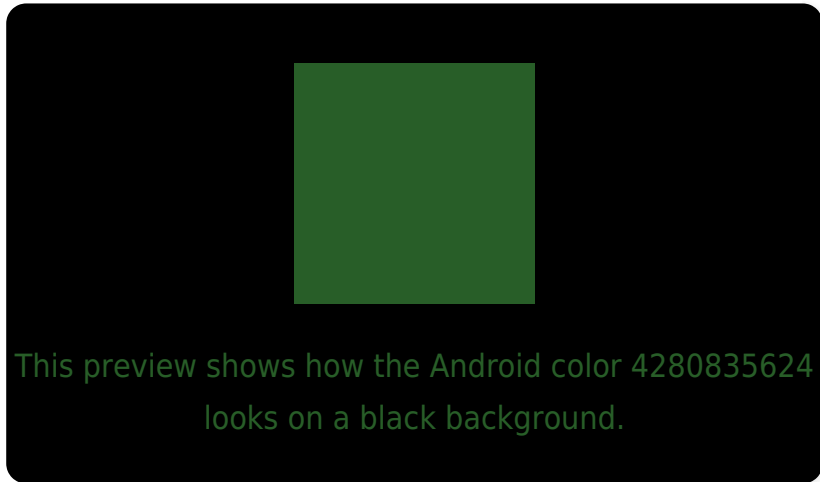
Large Text (above 18pt) WCAG AA ✓ Pass

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

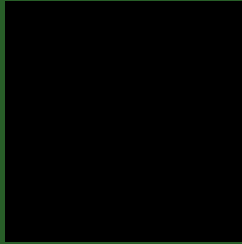
Any Text WCAG AA × Fail

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 4280835624 Background



This preview shows how black text looks on a background with the Android color 4280835624.



This preview shows how white text looks on a background with the Android color 4280835624.

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

4280835624

Protanopia

4284240676

Deuteranopia

4284829484

Trichromacy



Original Color
4280835624

Protanomaly
4282996517

Deuteranomaly
4283388971

Tritanomaly
4281358923

Monochromacy



Original Color
4280835624

Achromatopsia
4282927176

Achromatomaly
4282142780

CSS Examples

Text

The CSS property to change the color of the text to Android 4280835624 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, 94, 40)` looks like.

```
.text, #text, p{  
    color:rgb(40, 94, 40)  
}
```

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, 94, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 94, 40) }
```

Border

The CSS property to change the border of an element to Android 4280835624 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, 94, 40) }
```

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

```
.border{ border-color:rgb(40, 94, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 94, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 94, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 94, 40);  
box-shadow:4px 4px 4px 4px rgb(40, 94, 40)  
}
```

Background

The CSS property to change the background color of an element to Android 4280835624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 94, 40) }
```

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

```
.background{ background-color: rgb(40, 94,  
40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor