

Converting Colors

Android(4280857896)

Have a look what the booklet for
Android(4280857896) contains.

Android(4280857896)	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(4280857896)

Conversions

Conversions Part 1

Format	Color
Hex	28B528
RGB	40, 181, 40
RGB Percent	16%, 71%, 16%
CMY	0.8431, 0.2902, 0.8431
CMYK	0.78, 0.00, 0.78, 0.29
HSL	120°, 64%, 43%
HSV	120°, 78%, 71%
XYZ	17.7819, 33.6521, 7.5658
YIQ	122.7670, -38.7750, -73.7430

Conversions

Conversions Part 2

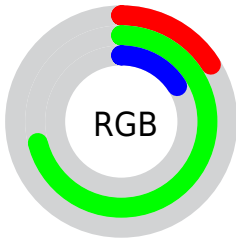
Format	Color
RYB	40, 181, 181
Decimal	2667816
CIELab	64.69, -61.81, 56.89
CIELCh	65, 84.009, 137.376
Yxy	33.6521, 0.3014, 0.5704
Android (android.graphics.Color)	4280857896 (0xFF28B528)
YUV	122.7670, -40.8041, -72.5867
Hunter-Lab	58.0104, -46.8025, 32.8746

Details

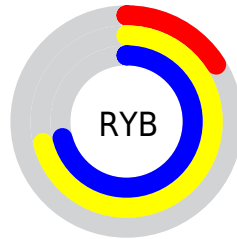
The Android color **4280857896** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **4290062517**, and the grayscale version is **4286282619**.

A 20% lighter version of the original color is **4285460064**, and **4278222592** is the 20% darker color. If you saturate the color by 10%, you get **4279678230**, and if you desaturate by 10%, it is **4282037562**.

Distribution



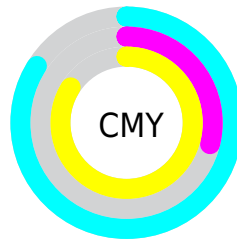
- Red (16%)
- Green (71%)
- Blue (16%)



- Red (16%)
- Yellow (71%)
- Blue (71%)



- Cyan (78%)
- Magenta (0%)
- Yellow (78%)
- Black (29%)



- Cyan (84%)
- Magenta (29%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280857896 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 4280857896 by changing the saturation by 10% instead.

 4280857896

 4280857896

4294967295

 4278229248

 4285460064

 4278222592

 4287496059

 4278215680

 4289462167

 4278209280

 4291428275

 4278203392

 4293459919

 4278196480

 4294967276

 4278190080

 4280857896

 4280857896

 4279678230

 4282037562

 4278498564

 4283217228

 4278236416

 4284396894

 4285576560

 4286821763

 4288001429

 4289181095

 4290360761

 4291540427

Harmonies

Analogous

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



4287932160



4280857896



4278238329

Triad

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



4280857896



4278235135



4294920053

Complementary

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



4280857896



4290062517

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.



4294920896



4280857896



4282161151

Square

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



4280857896



4278238207



4292178687



4294929197

Rectangle

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



4280857896



4278238894



4292178687



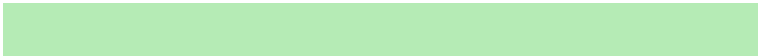
4294918542

Sweetspot

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



4280857896



4290112437



4290098472



4283725140



4294309365



4285887861

Same Dimension

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



4280857896



4279298832



4280857966



4283455824



4278229248



4278196736

Inverse Universe

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



4290062517



4293595371



4290062446



4284043353



4288217241



4279894042

Previews

White Background



This preview shows how the Android color 4280857896 looks on a white background.

Color Contrast Check

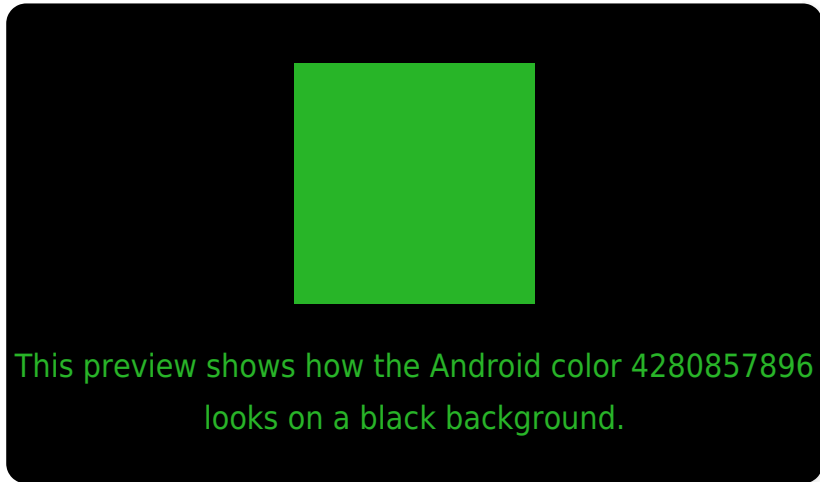
Large Text (above 18pt) WCAG AA × Fail

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 4280857896 Background



This preview shows how black text looks on a background with the Android color 4280857896.



This preview shows how white text looks on a background with the Android color 4280857896.

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
4280857896

Protanopia
4289698850

Deuteranopia
4290942007

Trichromacy



Original Color

4280857896



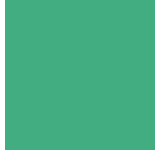
Protanomaly

4286489892



Deuteranomaly

4287275058



Tritanomaly

4282625410

Monochromacy



Original Color

4280857896



Achromatopsia

4286282619



Achromatomaly

4284321885

CSS Examples

Text

The CSS property to change the color of the text to Android 4280857896 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, 181, 40)` looks like.

```
.text, #text, p{  
    color:rgb(40, 181, 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, 181, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 181, 40) }
```

Border

The CSS property to change the border of an element to Android 4280857896 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, 181, 40) }
```

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

```
.border{ border-color:rgb(40, 181, 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, 181, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 181, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 181, 40);  
box-shadow:4px 4px 4px 4px rgb(40, 181,  
40) }
```

Background

The CSS property to change the background color of an element to Android 4280857896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 181, 40) }
```

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

```
.background{ background-color: rgb(40, 181,  
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