

Converting Colors

Android(4280600094)

Have a look what the booklet for
Android(4280600094) contains.

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Color

Android(4280600094)

Conversions

Conversions Part 1

Format	Color
Hex	24C61E
RGB	36, 198, 30
RGB Percent	14%, 78%, 12%
CMY	0.8588, 0.2235, 0.8824
CMYK	0.82, 0.00, 0.85, 0.22
HSL	118°, 74%, 45%
HSV	118°, 85%, 78%
XYZ	21.1560, 40.8570, 7.9994
YIQ	130.4100, -42.6240, -86.5920

Conversions

Conversions Part 2

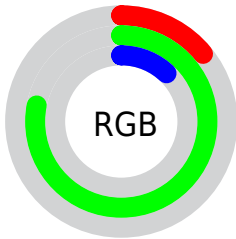
Format	Color
RYB	30, 198, 192
Decimal	2410014
CIELab	70.08, -68.00, 64.64
CIELCh	70, 93.820, 136.450
Yxy	40.8570, 0.3022, 0.5836
Android (android.graphics.Color)	4280600094 (0xFF24C61E)
YUV	130.4100, -49.5021, -82.7976
Hunter-Lab	63.9195, -52.7793, 37.3235

Details

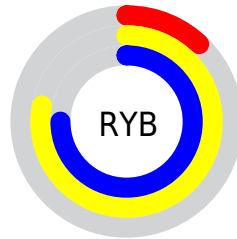
The Android color `4280600094` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark washed green. A complement of this color would be `4290780870`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4285661020`, and `4278226432` is the 20% darker color. If you saturate the color by 10%, you get `4279354890`, and if you desaturate by 10%, it is `4281845298`.

Distribution



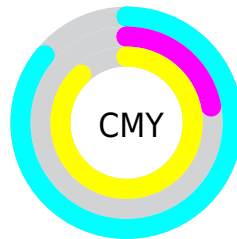
- Red (14%)
- Green (78%)
- Blue (12%)



- Red (12%)
- Yellow (78%)
- Blue (75%)



- Cyan (82%)
- Magenta (0%)
- Yellow (85%)
- Black (22%)



- Cyan (86%)
- Magenta (22%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280600094 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 4280600094 by changing the saturation by 10% instead.



4280600094



4280600094

4294967295



4278233600



4285661020



4278226432



4287758200



4278219776



4289789844



4278213120



4291821488



4278206464



4293787597



4278200320



4294967274



4278190336



4278190080



4280600094



4280600094

 4279354890

 4281845298

 4278699520

 4283090502

 4284335705


 4285580909

 4286826113

 4288136853

 4289382057

 4290627260

 4291872464

Harmonies

Analogous

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



4288919040



4280600094



4278242944

Triad

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



4280600094



4278239743



4294918785

Complementary

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



4280600094



4290780870

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.



4294920662



4280600094



4278494975

Square

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



4280600094



4278242815



4293360639



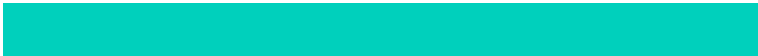
4294930221

Rectangle

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



4280600094



4278243516



4293360639



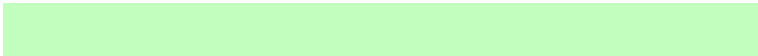
4294917021

Sweetspot

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



4280600094



4290969535



4291214878



4284186713



4278190080



4286611584

Same Dimension

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



4280600094



4278845184



4280206954



4284113754



4278625024



4278264832

Inverse Universe

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



4290780870



4294312191



4291174010



4284701283



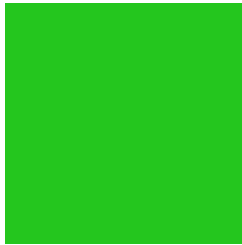
4288479395



4280418340

Previews

White Background



This preview shows how the Android color 4280600094 looks on a white background.

Color Contrast Check

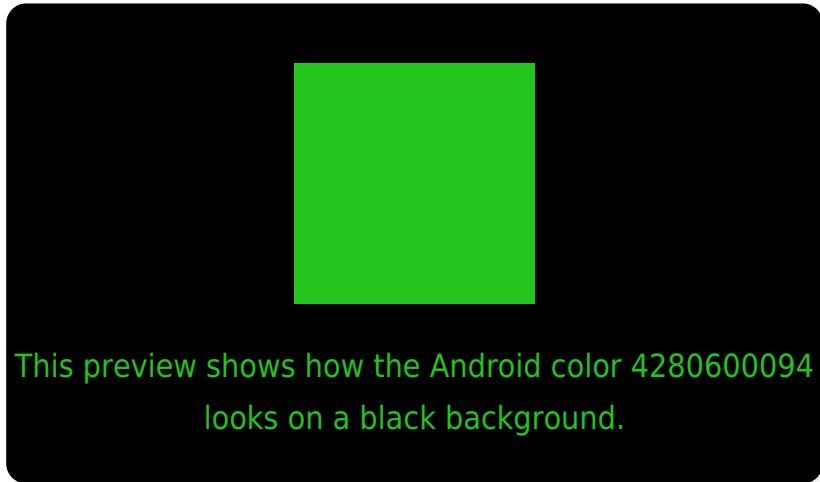
Large Text (above 18pt) WCAG AA × Fail

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 428060094 Background



This preview shows how black text looks on a background with the Android color 428060094.



This preview shows how white text looks on a background with the Android color 428060094.

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
4280600094

Protanopia
4290750998

Deuteranopia
4292190515

Trichromacy



Original Color

4280600094



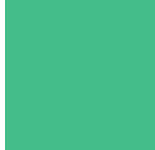
Protanomaly

4287083545



Deuteranomaly

4287999531



Tritanomaly

4282760586

Monochromacy



Original Color

4280600094



Achromatopsia

4286743170



Achromatomaly

4284521310

CSS Examples

Text

The CSS property to change the color of the text to Android 4280600094 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(36, 198, 30)` looks like.

```
.text, #text, p{  
    color:rgb(36, 198, 30)  
}
```

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(36, 198, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 198, 30) }
```

Border

The CSS property to change the border of an element to Android 4280600094 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(36, 198, 30) }
```

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

```
.border{ border-color:rgb(36, 198, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 198, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 198, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 198, 30);  
box-shadow:4px 4px 4px 4px rgb(36, 198,  
30) }
```

Background

The CSS property to change the background color of an element to Android 4280600094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 198, 30) }
```

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

```
.background{ background-color: rgb(36, 198,  
30) }
```

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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