

Converting Colors

Android(4280981784)

Have a look what the booklet for
Android(4280981784) contains.

Android(4280981784)	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(4280981784)

Conversions

Conversions Part 1

Format	Color
Hex	2A9918
RGB	42, 153, 24
RGB Percent	16%, 60%, 9%
CMY	0.8353, 0.4000, 0.9059
CMYK	0.73, 0.00, 0.84, 0.40
HSL	112°, 73%, 35%
HSV	112°, 84%, 60%
XYZ	12.5109, 23.3407, 4.7100
YIQ	105.1050, -24.7470, -63.6510

Conversions

Conversions Part 2

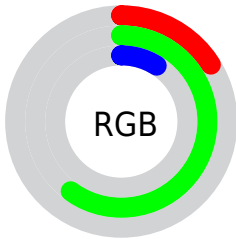
Format	Color
R_{YB}	24, 153, 135
Decimal	2791704
CIE Lab	55.42, -53.51, 52.93
CIE LCh	55, 75.266, 135.309
Yxy	23.3407, 0.3084, 0.5754
Android (android.graphics.Color)	4280981784 (0xFF2A9918)
YUV	105.1050, -39.9848, -55.3431
Hunter-Lab	48.3122, -38.3218, 28.0383

Details

The Android color **4280981784** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4287043737**, and the grayscale version is **4285164138**.

A 20% lighter version of the original color is **4285190225**, and **4278215680** is the 20% darker color. If you saturate the color by 10%, you get **4280129801**, and if you desaturate by 10%, it is **4281833767**.

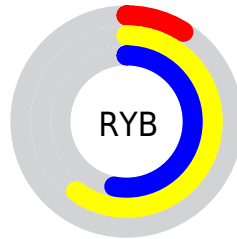
Distribution



Red (16%)

Green (60%)

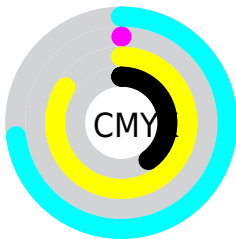
Blue (9%)



Red (9%)

Yellow (60%)

Blue (53%)

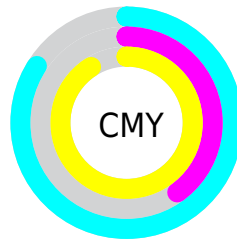


Cyan (73%)

Magenta (0%)

Yellow (84%)

Black (40%)



Cyan (84%)

Magenta (40%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280981784 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 4280981784 by changing the saturation by 10% instead.

 4280981784

 4280981784

4294967295

 4278222336

 4285190225

 4278215680

 4287098219

 4278209280

 4289003398

 4278203392

 4290903970

 4278196992

 4292870078

 4278190080

 4294836186

 4294967288

 4280981784

 4280981784

■ 4280129801

■ 4281833767

■ 4279605504

■ 4282685751

■ 4283537734

■ 4284455253

■ 4285307237

■ 4286159220

■ 4287011203

■ 4287863186

■ 4288715170

Harmonies

Analogous

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



4286680064



4280981784



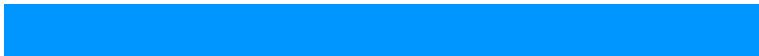
4278230881

Triad

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



4280981784



4278228735



4294326118

Complementary

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



4280981784



4287043737

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.



4293410472



4280981784



4278223359

Square

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



4280981784



4278231009



4289749730



4293154344

Rectangle

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



4280981784



4278231439



4289749730



4294259580

Sweetspot

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



4280981784



4288464789



4288251416



4283065158



4293125091



4284703587

Same Dimension

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



4280981784



4280076032



4279802181



4282797381



4279536640



4278324480

Inverse Universe

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



4287043737



4289396935



4288223340



4283123021



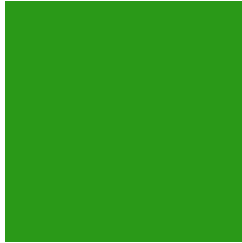
4286120076



4278910989

Previews

White Background



This preview shows how the Android color 4280981784 looks on a white background.

Color Contrast Check

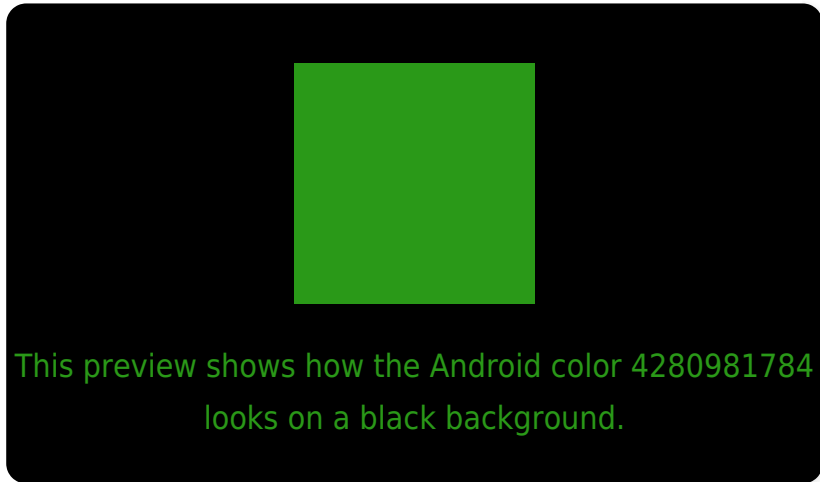
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

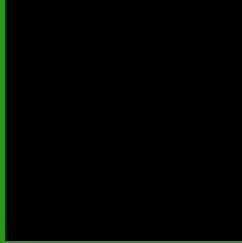
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4280981784 Background



This preview shows how black text looks on a background with the Android color 4280981784.



This preview shows how white text looks on a background with the Android color 4280981784.

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
4280981784

Protanopia
4287988754

Deuteranopia
4289035560

Trichromacy



Original Color

4280981784



Protanomaly

4285434900



Deuteranomaly

4286088994



Tritanomaly

4282290795

Monochromacy



Original Color

4280981784



Achromatopsia

4285098345



Achromatomaly

4283595340

CSS Examples

Text

The CSS property to change the color of the text to Android 4280981784 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(42, 153, 24)` looks like.

```
.text, #text, p{  
    color:rgb(42, 153, 24)  
}
```

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(42, 153, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 153, 24) }
```

Border

The CSS property to change the border of an element to Android 4280981784 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(42, 153, 24) }
```

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

```
.border{ border-color:rgb(42, 153, 24) }
```

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

Here you see how a box with a 4 pixel rgb(42, 153, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 153, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 153, 24);  
box-shadow:4px 4px 4px 4px rgb(42, 153,  
24) }
```

Background

The CSS property to change the background color of an element to Android 4280981784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 153, 24) }
```

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

```
.background{ background-color: rgb(42, 153,  
24) }
```

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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