

Converting Colors

Android(4280950016)

Have a look what the booklet for
Android(4280950016) contains.

Android(4280950016)	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(4280950016)

Conversions

Conversions Part 1

Format	Color
Hex	2A1D00
RGB	42, 29, 0
RGB Percent	16%, 11%, 0%
CMY	0.8353, 0.8863, 1.0000
CMYK	0.00, 0.31, 1.00, 0.84
HSL	41°, 100%, 8%
HSV	41°, 100%, 16%
XYZ	1.3942, 1.3710, 0.1911
YIQ	29.5810, 17.0570, -6.2630

Conversions

Conversions Part 2

Format	Color
RYB	19, 42, 0
Decimal	2759936
CIELab	11.76, 2.73, 17.55
CIElCh	12, 17.758, 81.165
Yxy	1.3710, 0.4716, 0.4637
Android (android.graphics.Color)	4280950016 (0xFF2A1D00)
YUV	29.5810, -14.5834, 10.8915
Hunter-Lab	11.7088, 0.7641, 7.2283

Details

The Android color **4280950016** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278193450**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4283975727**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280950016**, and if you desaturate by 10%, it is **4280950276**.

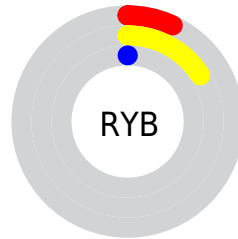
Distribution



Red (16%)

Green (11%)

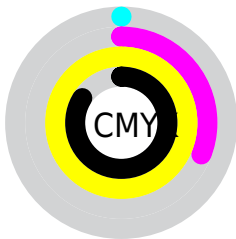
Blue (0%)



Red (7%)

Yellow (16%)

Blue (0%)

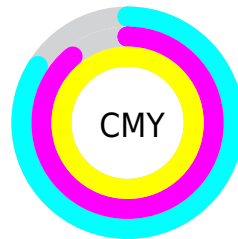


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280950016 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 4280950016 by changing the saturation by 10% instead.



4280950016



4280950016



4294967266



4279239680



4283975727



4278190080



4285620294



4287330654



4289106806



4290882960



4292724907



4294632646



4280950016

■ 4280950276

■ 4280950792

■ 4280951053

■ 4280951313

■ 4280951573

■ 4280952089

■ 4280952349

■ 4280952610

■ 4280953126

Harmonies

Analogous

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



4281473034



4280950016



4280230146

Triad

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



4280950016



4278199591



4280948782

Complementary

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



4280950016



4278193450

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.



4279901494



4280950016



4278199346

Square

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



4280950016



4278199579



4278198583



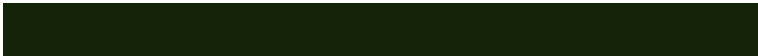
4281603363

Rectangle

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



4280950016



4279575305



4278198583



4280687153

Sweetspot

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



4280950016



4281741605



4280942605



4280031506



4288453788



4280032284

Same Dimension

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



4280950016



4281738496



4280429056



4279505938



4283709952



4292121088

Inverse Universe

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



4278193450



4278194486



4278714410



4279374612



4278196820



4278207188

Previews

White Background



This preview shows how the Android color 4280950016 looks on a white background.

Color Contrast Check

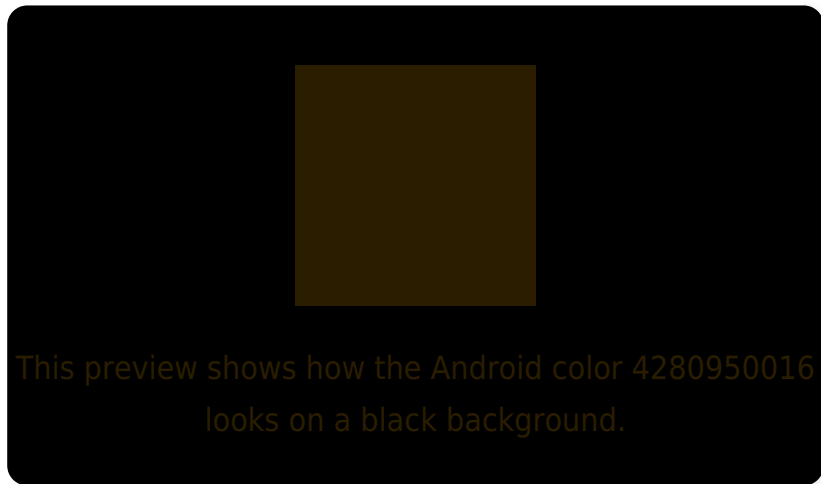
Large Text (above 18pt) WCAG AA ✓ Pass

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

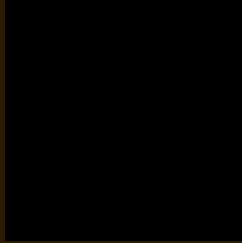
Any Text WCAG AA × Fail

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 4280950016 Background



This preview shows how black text looks on a background with the Android color 4280950016.

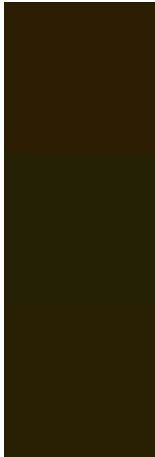


This preview shows how white text looks on a background with the Android color 4280950016.

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
4280950016

Protanopia
4280557571

Deuteranopia
4280819200

Trichromacy



Original Color

4280950016

Protanomaly

4280688386

Deuteranomaly

4280884736

Tritanomaly

4281015314

Monochromacy



Original Color

4280950016

Achromatopsia

4280163870

Achromatomaly

4280426003

CSS Examples

Text

The CSS property to change the color of the text to Android 4280950016 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, 29, 0)` looks like.

```
.text, #text, p{  
    color:rgb(42, 29, 0)  
}
```

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, 29, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 29, 0) }
```

Border

The CSS property to change the border of an element to Android 4280950016 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, 29, 0) }
```

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

```
.border{ border-color:rgb(42, 29, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 29, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 29, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 29, 0); box-shadow:4px  
4px 4px 4px rgb(42, 29, 0) }
```

Background

The CSS property to change the background color of an element to Android 4280950016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 29, 0) }
```

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

```
.background{ background-color: rgb(42, 29,  
0) }
```

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