

Converting Colors

Android(4280688136)

Have a look what the booklet for
Android(4280688136) contains.

Android(4280688136)	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(4280688136)

Conversions

Conversions Part 1

Format	Color
Hex	261E08
RGB	38, 30, 8
RGB Percent	15%, 12%, 3%
CMY	0.8510, 0.8824, 0.9686
CMYK	0.00, 0.21, 0.79, 0.85
HSL	44°, 65%, 9%
HSV	44°, 79%, 15%
XYZ	1.3074, 1.3581, 0.4230
YIQ	29.8840, 11.8300, -5.1460

Conversions

Conversions Part 2

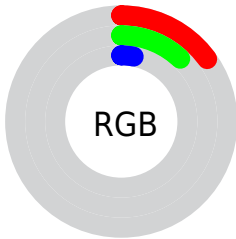
Format	Color
R_{YB}	19, 38, 8
Decimal	2498056
CIE Lab	11.68, 0.51, 14.08
CIE LCh	12, 14.091, 87.935
Yxy	1.3581, 0.4233, 0.4397
Android (android.graphics.Color)	4280688136 (0xFF261E08)
YUV	29.8840, -10.7888, 7.1177
Hunter-Lab	11.6540, -0.3689, 6.0059

Details

The Android color **4280688136** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4278718502**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4283648565**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280687876**, and if you desaturate by 10%, it is **4280688396**.

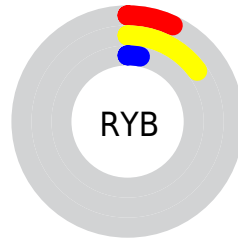
Distribution



Red (15%)

Green (12%)

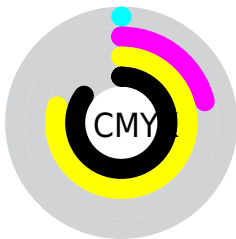
Blue (3%)



Red (7%)

Yellow (15%)

Blue (3%)

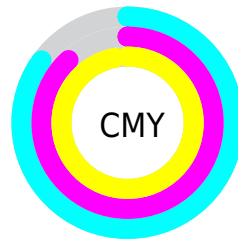


Cyan (0%)

Magenta (21%)

Yellow (79%)

Black (85%)



Cyan (85%)

Magenta (88%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280688136 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 4280688136 by changing the saturation by 10% instead.

 4280688136

 4280688136

 4294967272

 4278912256

 4283648565

 4278190080

 4285292875

 4286937699

 4288713852

 4290490006

 4292332209

 4294174412

 4280688136

 4280688136

■ 4280687876

■ 4280688396

■ 4280687616

■ 4280688656

■ 4280688915

■ 4280689175

■ 4280689435

■ 4280689695

■ 4280689955

■ 4280690214

■ 4280690474

Harmonies

Analogous

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



4281146125



4280688136



4280033548

Triad

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



4280688136



4278199336



4280949033

Complementary

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



4280688136



4278718502

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.



4280229168



4280688136



4278198831

Square

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



4280688136



4278330398



4279115826



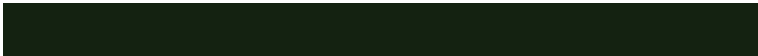
4281341728

Rectangle

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



4280688136



4279509521



4279115826



4280752684

Sweetspot

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



4280688136



4281347365



4280682512



4279900178



4288256409



4279900698

Same Dimension

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



4280688136



4281345026



4280231432



4279374096



4283579392



4291926272

Inverse Universe

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



4278718502



4278325040



4279175206



4279243026



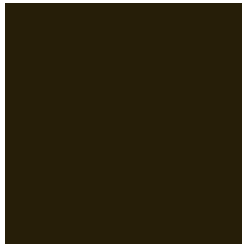
4278195794



4278204625

Previews

White Background



This preview shows how the Android color 4280688136 looks on a white background.

Color Contrast Check

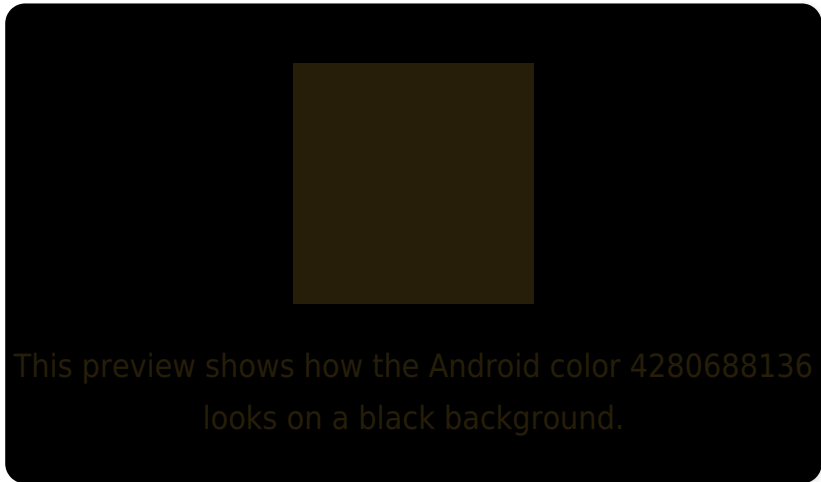
Large Text (above 18pt) WCAG AA ✓ Pass

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

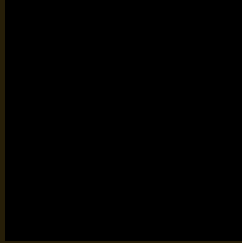
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

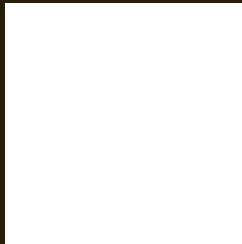
Any Text WCAG AAA × Fail

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

Android 4280688136 Background



This preview shows how black text looks on a background with the Android color 4280688136.

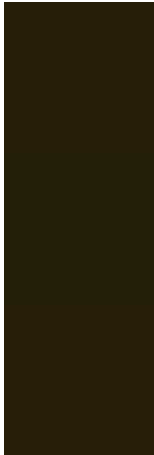


This preview shows how white text looks on a background with the Android color 4280688136.

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](#).

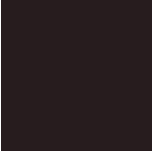
Dichromacy



Original Color
4280688136

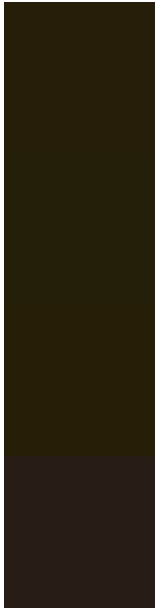
Protanopia
4280491784

Deuteranopia
4280753672



Tritanopia
4280753182

Trichromacy



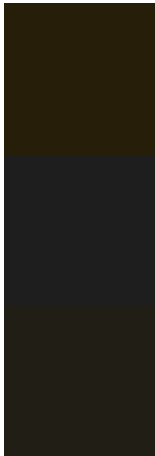
Original Color
4280688136

Protanomaly
4280557320

Deuteranomaly
4280753672

Tritanomaly
4280753430

Monochromacy



Original Color
4280688136

Achromatopsia
4280163870

Achromatomaly
4280360470

CSS Examples

Text

The CSS property to change the color of the text to Android 4280688136 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(38, 30, 8)` looks like.

```
.text, #text, p{  
    color:rgb(38, 30, 8)  
}
```

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(38, 30, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 30, 8) }
```

Border

The CSS property to change the border of an element to Android 4280688136 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(38, 30, 8) }
```

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

```
.border{ border-color:rgb(38, 30, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 30, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 30, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(38, 30, 8); box-shadow:4px  
4px 4px 4px rgb(38, 30, 8) }
```

Background

The CSS property to change the background color of an element to Android 4280688136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 30, 8) }
```

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

```
.background{ background-color: rgb(38, 30,  
8) }
```

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