

Converting Colors

Android(4280568097)

Have a look what the booklet for
Android(4280568097) contains.

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Color

Android(4280568097)

Conversions

Conversions Part 1

Format	Color
Hex	244921
RGB	36, 73, 33
RGB Percent	14%, 29%, 13%
CMY	0.8588, 0.7137, 0.8706
CMYK	0.51, 0.00, 0.55, 0.71
HSL	116°, 38%, 21%
HSV	116°, 55%, 29%
XYZ	3.3846, 5.2500, 2.2738
YIQ	57.3770, -9.2120, -20.2840

Conversions

Conversions Part 2

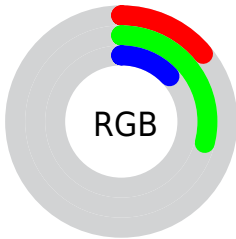
Format	Color
RYB	33, 73, 70
Decimal	2378017
CIELab	27.44, -22.72, 19.81
CIELCh	27, 30.148, 138.915
Yxy	5.2500, 0.3103, 0.4813
Android (android.graphics.Color)	4280568097 (0xFF244921)
YUV	57.3770, -12.0179, -18.7476
Hunter-Lab	22.9128, -13.7299, 10.1552

Details

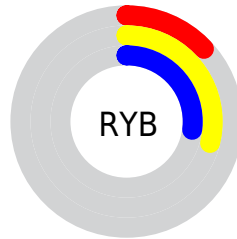
The Android color `4280568097` is a dark color, and the websafe version is hex `003300`. A complement of this color would be `4282786121`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4283726414`, and `4278197760` is the 20% darker color. If you saturate the color by 10%, you get `4280109338`, and if you desaturate by 10%, it is `4281026856`.

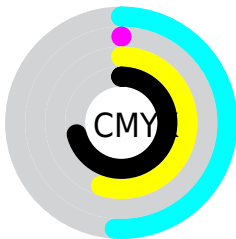
Distribution



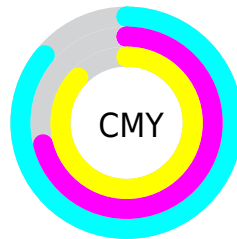
- Red (14%)
- Green (29%)
- Blue (13%)



- Red (13%)
- Yellow (29%)
- Blue (27%)



- Cyan (51%)
- Magenta (0%)
- Yellow (55%)
- Black (71%)



- Cyan (86%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280568097 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 4280568097 by changing the saturation by 10% instead.



4280568097



4280568097

4294967295



4278989323



4283726414



4278197760



4285371494



4278190080



4287082368



4288793242



4290635445



4292476880



4294311917



4280568097



4280568097

■ 4280109338

■ 4281026856

■ 4279650578

■ 4281485616

■ 4279257355

■ 4281878839

■ 4278798596

■ 4282337598

■ 4278536448

■ 4282796358

■ 4283255117

■ 4283648340

■ 4284107099

■ 4284565859

Harmonies

Analogous

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



4282336274



4280568097



4278209591

Triad

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



4280568097



4278208110



4285214003

Complementary

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



4280568097



4282786121

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.



4284951882



4280568097



4281548397

Square

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



4280568097



4278209123



4283708767



4284757023

Rectangle

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



4280568097



4278209607



4283708767



4285213755

Sweetspot

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



4280568097



4283457103



4282992161



4280823847



4289769648



4281348144

Same Dimension

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



4280568097



4280639008



4280371506



4280296480



4278674176



4279362304

Inverse Universe

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



4282786121



4284096606



4282982712



4280492068



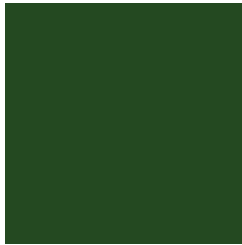
4284219491



4291952867

Previews

White Background



This preview shows how the Android color 4280568097 looks on a white background.

Color Contrast Check

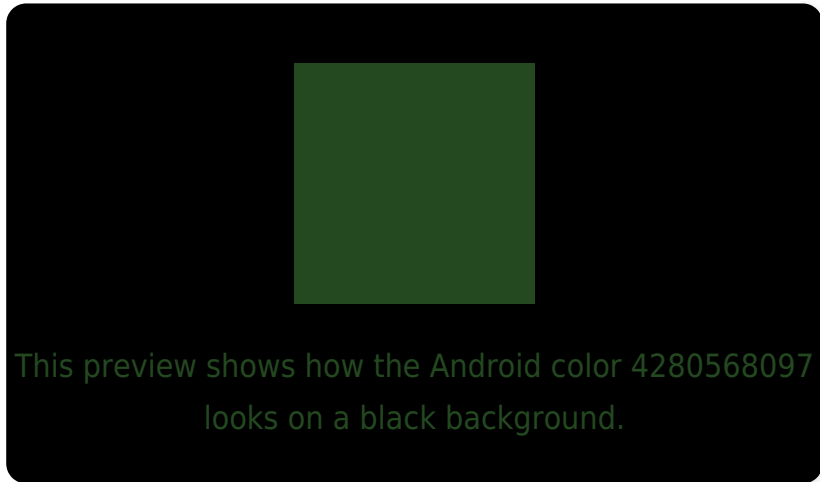
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280568097 Background



This preview shows how black text looks on a background with the Android color 4280568097.



This preview shows how white text looks on a background with the Android color 4280568097.

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
4280568097

Protanopia
4282925342

Deuteranopia
4283383332

Trichromacy



Original Color
4280568097

Protanomaly
4282074143

Deuteranomaly
4282335779

Tritanomaly
4280960571

Monochromacy



Original Color
4280568097

Achromatopsia
4281940281

Achromatomaly
4281417520

CSS Examples

Text

The CSS property to change the color of the text to Android 4280568097 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, 73, 33)` looks like.

```
.text, #text, p{  
    color:rgb(36, 73, 33)  
}
```

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, 73, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 73, 33) }
```

Border

The CSS property to change the border of an element to Android 4280568097 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, 73, 33) }
```

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

```
.border{ border-color:rgb(36, 73, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 73, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 73, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 73, 33);  
box-shadow:4px 4px 4px 4px rgb(36, 73, 33)  
}
```

Background

The CSS property to change the background color of an element to Android 4280568097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 73, 33) }
```

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

```
.background{ background-color: rgb(36, 73,  
33) }
```

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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