

Converting Colors

Android(4280564233)

Have a look what the booklet for
Android(4280564233) contains.

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Color

Android(4280564233)

Conversions

Conversions Part 1

Format	Color
Hex	243A09
RGB	36, 58, 9
RGB Percent	14%, 23%, 4%
CMY	0.8588, 0.7725, 0.9647
CMYK	0.38, 0.00, 0.84, 0.77
HSL	87°, 73%, 13%
HSV	87°, 84%, 23%
XYZ	2.2899, 3.4209, 0.7981
YIQ	45.8360, 2.6170, -19.9030

Conversions

Conversions Part 2

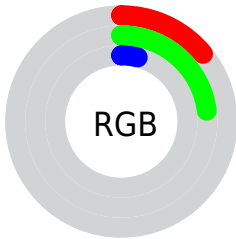
Format	Color
R_{YB}	9, 58, 31
Decimal	2374153
CIE Lab	21.66, -17.90, 25.92
CIE LCh	22, 31.504, 124.627
Yxy	3.4209, 0.3518, 0.5256
Android (android.graphics.Color)	4280564233 (0xFF243A09)
YUV	45.8360, -18.1601, -8.6262
Hunter-Lab	18.4957, -10.2677, 10.3887

Details

The Android color **4280564233** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4280224058**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4283656502**, and **4278192896** is the 20% darker color. If you saturate the color by 10%, you get **4280367619**, and if you desaturate by 10%, it is **4280760847**.

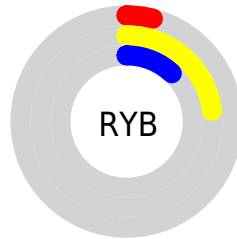
Distribution



Red (14%)

Green (23%)

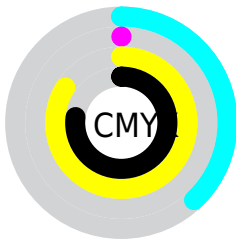
Blue (4%)



Red (4%)

Yellow (23%)

Blue (12%)

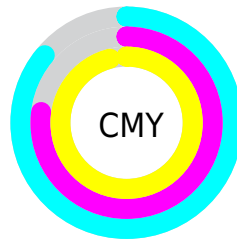


Cyan (38%)

Magenta (0%)

Yellow (84%)

Black (77%)



Cyan (86%)

Magenta (77%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280564233 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 4280564233 by changing the saturation by 10% instead.

 4280564233

 4280564233

 4294967277

 4279182336

 4283656502

 4278192896

 4285301582

 4278190080

 4287012198

 4288723072

 4290499482

 4292341941

 4294246352

 4280564233

 4280564233

■ 4280367619

■ 4280760847

■ 4280302080

■ 4280891925

■ 4281088538

■ 4281219616

■ 4281416230

■ 4281612844

■ 4281743922

■ 4281940535

■ 4282071613

Harmonies

Analogous

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



4282135552



4280564233



4278205727

Triad

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



4280564233



4278205534



4284292401

Complementary

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



4280564233



4280224058

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.



4283638344



4280564233



4278203747

Square

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



4280564233



4278206030



4281936986



4284162587

Rectangle

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



4280564233



4278206255



4281936986



4284161337

Sweetspot

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



4280564233



4282666297



4281998857



4280362523



4289111718



4280690214

Same Dimension

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



4280564233



4280962304



4278991369



4279966745



4281555968



4286176000

Inverse Universe

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



4280224058



4280418381



4281796922



4279965980



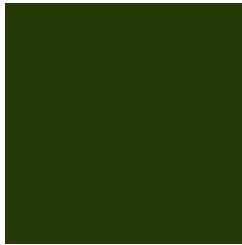
4280877148



4284612827

Previews

White Background



This preview shows how the Android color 4280564233 looks on a white background.

Color Contrast Check

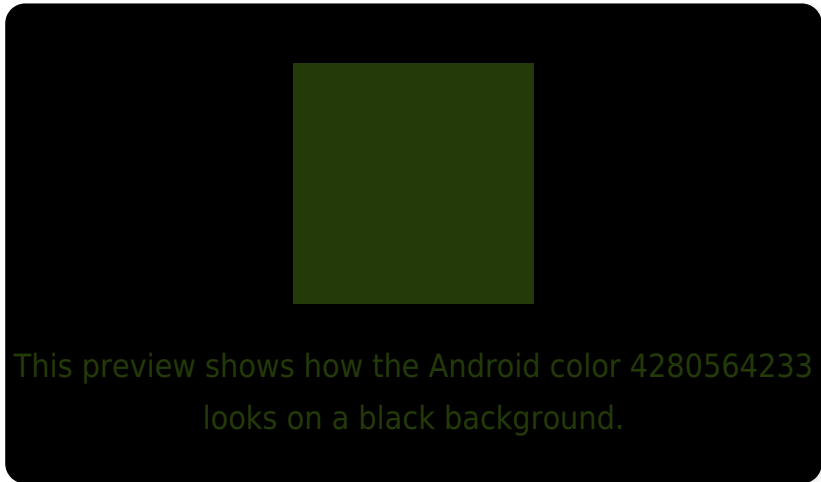
Large Text (above 18pt) WCAG AA ✓ Pass

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

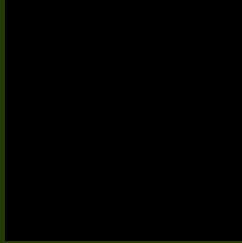
Any Text WCAG AA × Fail

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 4280564233 Background



This preview shows how black text looks on a background with the Android color 4280564233.



This preview shows how white text looks on a background with the Android color 4280564233.

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
4280564233

Protanopia
4282070023

Deuteranopia
4282462478

Trichromacy



Original Color

4280564233

Protanomaly

4281546248

Deuteranomaly

4281742348

Tritanomaly

4280825640

Monochromacy



Original Color

4280564233

Achromatopsia

4281216558

Achromatomaly

4280955425

CSS Examples

Text

The CSS property to change the color of the text to Android 4280564233 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, 58, 9)` looks like.

```
.text, #text, p{  
    color:rgb(36, 58, 9)  
}
```

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, 58, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 58, 9) }
```

Border

The CSS property to change the border of an element to Android 4280564233 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, 58, 9) }
```

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

```
.border{ border-color:rgb(36, 58, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 58, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 58, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 58, 9); box-shadow:4px  
4px 4px 4px rgb(36, 58, 9) }
```

Background

The CSS property to change the background color of an element to Android 4280564233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 58, 9) }
```

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

```
.background{ background-color: rgb(36, 58,  
9) }
```

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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