

Converting Colors

Android(4280560417)

Have a look what the booklet for
Android(4280560417) contains.

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Color

Android(4280560417)

Conversions

Conversions Part 1

Format	Color
Hex	242B21
RGB	36, 43, 33
RGB Percent	14%, 17%, 13%
CMY	0.8588, 0.8314, 0.8706
CMYK	0.16, 0.00, 0.23, 0.83
HSL	102°, 13%, 15%
HSV	102°, 23%, 17%
XYZ	1.8659, 2.2126, 1.7676
YIQ	39.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

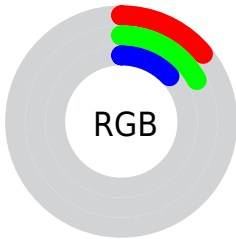
Format	Color
RYB	33, 43, 40
Decimal	2370337
CIELab	16.57, -5.49, 5.51
CIElCh	17, 7.774, 134.895
Yxy	2.2126, 0.3192, 0.3785
Android (android.graphics.Color)	4280560417 (0xFF242B21)
YUV	39.7670, -3.3361, -3.3037
Hunter-Lab	14.8749, -3.6396, 3.3670

Details

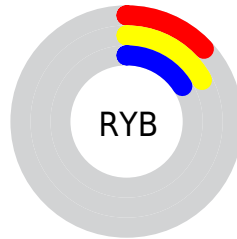
The Android color **4280560417** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4280820011**, and the grayscale version is **4280821800**.

A 20% lighter version of the original color is **4283521101**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280363805**, and if you desaturate by 10%, it is **4280757029**.

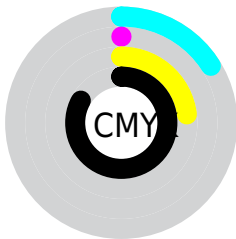
Distribution



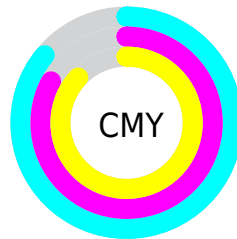
- Red (14%)
- Green (17%)
- Blue (13%)



- Red (13%)
- Yellow (17%)
- Blue (16%)



- Cyan (16%)
- Magenta (0%)
- Yellow (23%)
- Black (83%)



- Cyan (86%)
- Magenta (83%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280560417 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 4280560417 by changing the saturation by 10% instead.



4280560417



4280560417

4294967295



4279179018



4283521101



4278190080



4285100389



4286745214



4288456088



4290232499



4292008910



4293916906



4280560417



4280560417

■ 4280363805

■ 4280757029

■ 4280167192

■ 4280953642

■ 4279970580

■ 4281150254

■ 4279773968

■ 4281346866

■ 4279577356

■ 4281543479

■ 4279380743

■ 4281740091

■ 4279184131

■ 4281936703

■ 4279053056

■ 4282133315

■ 4282329928

Harmonies

Analogous

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



4280953118



4280560417



4280167462

Triad

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



4280560417



4280232499



4281607462

Complementary

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



4280560417



4280820011

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.



4281476396



4280560417



4280690996

Square

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



4280560417



4279905329



4281149233



4281542177

Rectangle

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



4280560417



4279970858



4281149233



4281607464

Sweetspot

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



4280560417



4281677876



4281018401



4279901210



4288453788



4280032284

Same Dimension

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



4280560417



4281153576



4280363811



4279440402



4279849984



4282373120

Inverse Universe

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



4280820011



4281542712



4281016617



4279505428



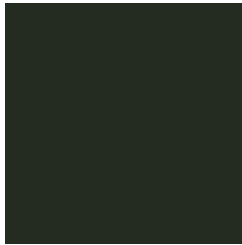
4282056788



4287889620

Previews

White Background



This preview shows how the Android color 4280560417 looks on a white background.

Color Contrast Check

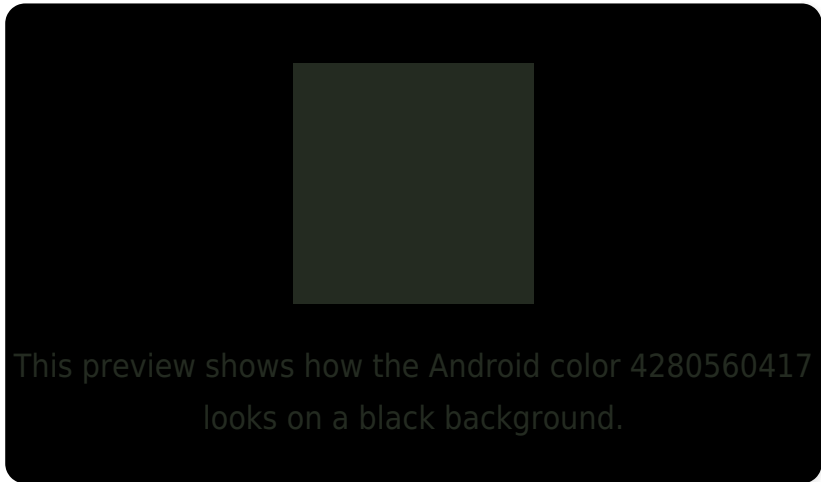
Large Text (above 18pt) WCAG AA ✓ Pass

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

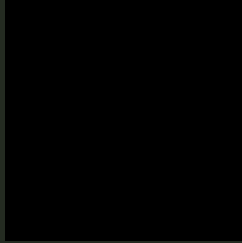
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

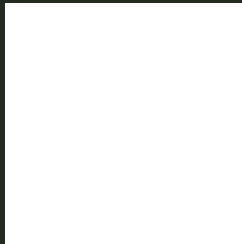
Any Text WCAG AAA × Fail

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

Android 4280560417 Background



This preview shows how black text looks on a background with the Android color 4280560417.

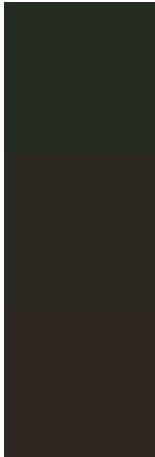


This preview shows how white text looks on a background with the Android color 4280560417.

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
4280560417

Protanopia
4281084192

Deuteranopia
4281280290

Trichromacy



Original Color

4280560417

Protanomaly

4280887840

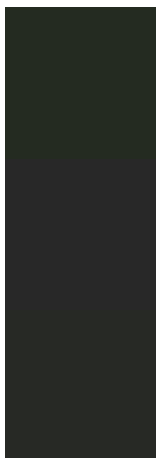
Deuteranomaly

4281018402

Tritanomaly

4280625705

Monochromacy



Original Color

4280560417

Achromatopsia

4280821800

Achromatomaly

4280756517

CSS Examples

Text

The CSS property to change the color of the text to Android 4280560417 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, 43, 33)` looks like.

```
.text, #text, p{  
    color:rgb(36, 43, 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, 43, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 43, 33) }
```

Border

The CSS property to change the border of an element to Android 4280560417 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, 43, 33) }
```

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

```
.border{ border-color:rgb(36, 43, 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, 43, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 43, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 43, 33);  
box-shadow:4px 4px 4px 4px rgb(36, 43, 33)  
}
```

Background

The CSS property to change the background color of an element to Android 4280560417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 43, 33) }
```

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

```
.background{ background-color: rgb(36, 43,  
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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