

Converting Colors

Android(4280433689)

Have a look what the booklet for
Android(4280433689) contains.

Android(4280433689)	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(4280433689)

Conversions

Conversions Part 1

Format	Color
Hex	223C19
RGB	34, 60, 25
RGB Percent	13%, 24%, 10%
CMY	0.8667, 0.7647, 0.9020
CMYK	0.43, 0.00, 0.58, 0.76
HSL	105°, 41%, 17%
HSV	105°, 58%, 24%
XYZ	2.4510, 3.6420, 1.4935
YIQ	48.2360, -4.2610, -16.3970

Conversions

Conversions Part 2

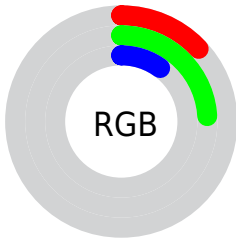
Format	Color
RYB	25, 60, 51
Decimal	2243609
CIELab	22.45, -18.02, 18.42
CIELCh	22, 25.765, 134.366
Yxy	3.6420, 0.3231, 0.4801
Android (android.graphics.Color)	4280433689 (0xFF223C19)
YUV	48.2360, -11.4553, -12.4850
Hunter-Lab	19.0840, -10.4717, 8.7188

Details

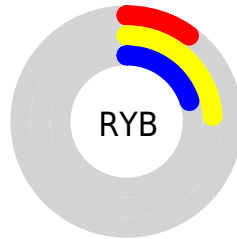
The Android color **4280433689** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281538876**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4283460677**, and **4278194176** is the 20% darker color. If you saturate the color by 10%, you get **4280171539**, and if you desaturate by 10%, it is **4280695839**.

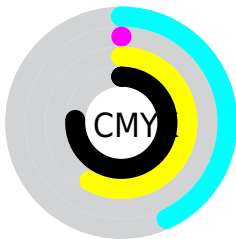
Distribution



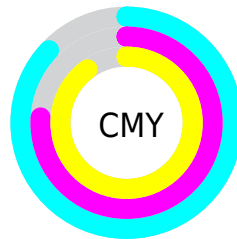
- Red (13%)
- Green (24%)
- Blue (10%)



- Red (10%)
- Yellow (24%)
- Blue (20%)



- Cyan (43%)
- Magenta (0%)
- Yellow (58%)
- Black (76%)



- Cyan (87%)
- Magenta (76%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280433689 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 4280433689 by changing the saturation by 10% instead.



4280433689



4280433689

4294967294



4279117312



4283460677



4278194176



4285105501



4278190080



4286750582



4288526991



4290303658



4292145861



4293984225



4280433689



4280433689

■ 4280171539

■ 4280695839

■ 4279843853

■ 4281023525

■ 4279581703

■ 4281285675

■ 4279254017

■ 4281613361

■ 4279188480

■ 4281875511

■ 4282203197

■ 4282465347

■ 4282793033

■ 4283055183

Harmonies

Analogous

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



[4281874446](#)



[4280433689](#)



[4278205995](#)

Triad

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



4280433689



4278205274



4284032301

Complementary

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



4280433689



4281538876

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.



4283704896



4280433689



4280628571

Square

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



4280433689



4278206032



4282592593



4283771420

Rectangle

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



4280433689



4278206264



4282592593



4284032308

Sweetspot

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



4280433689



4282666817



4282135321



4280428832



4289243304



4280887593

Same Dimension

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



4280433689



4280700696



4279843873



4280033052



4279787008



4281982464

Inverse Universe

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



4281538876



4282456143



4282128692



4280163359



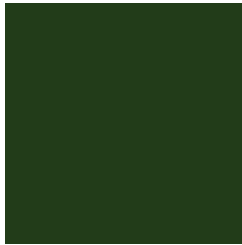
4282777694



4289003742

Previews

White Background



This preview shows how the Android color 4280433689 looks on a white background.

Color Contrast Check

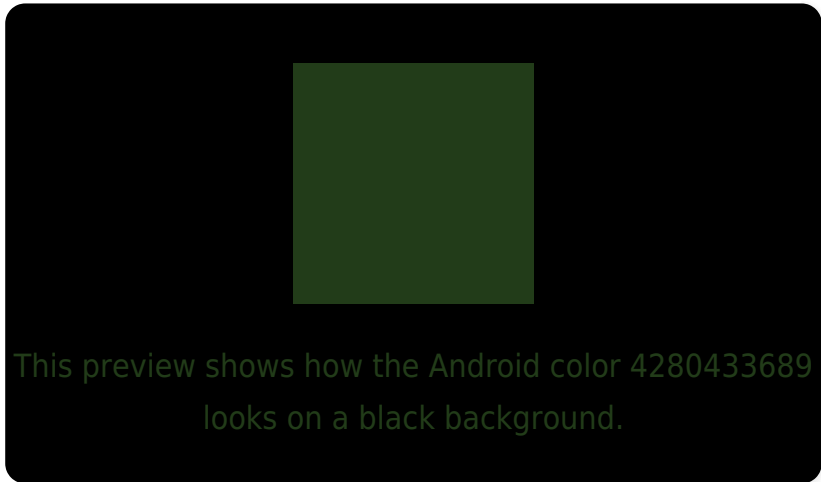
Large Text (above 18pt) WCAG AA ✓ Pass

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

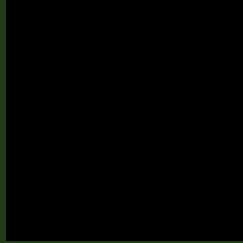
Any Text WCAG AA × Fail

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 4280433689 Background



This preview shows how black text looks on a background with the Android color 4280433689.



This preview shows how white text looks on a background with the Android color 4280433689.

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
4280433689

Protanopia
4282136087

Deuteranopia
4282528540

Trichromacy



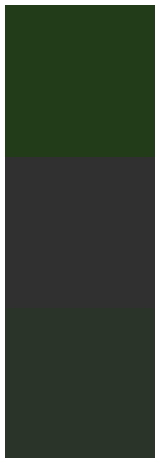
Original Color
4280433689

Protanomaly
4281546776

Deuteranomaly
4281742875

Tritanomaly
4280695088

Monochromacy



Original Color
4280433689

Achromatopsia
4281348144

Achromatomaly
4281021480

CSS Examples

Text

The CSS property to change the color of the text to Android 4280433689 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(34, 60, 25) looks like.

```
.text, #text, p{  
    color:rgb(34, 60, 25)  
}
```

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(34, 60, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 60, 25) }
```

Border

The CSS property to change the border of an element to Android 4280433689 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(34, 60, 25) }
```

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

```
.border{ border-color:rgb(34, 60, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 60, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 60, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 60, 25);  
box-shadow:4px 4px 4px 4px rgb(34, 60, 25)  
}
```

Background

The CSS property to change the background color of an element to Android 4280433689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 60, 25) }
```

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

```
.background{ background-color: rgb(34, 60,  
25) }
```

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