

Converting Colors

Android(4280299532)

Have a look what the booklet for
Android(4280299532) contains.

Android(4280299532)	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(4280299532)

Conversions

Conversions Part 1

Format	Color
Hex	20300C
RGB	32, 48, 12
RGB Percent	13%, 19%, 5%
CMY	0.8745, 0.8118, 0.9529
CMYK	0.33, 0.00, 0.75, 0.81
HSL	87°, 60%, 12%
HSV	87°, 75%, 19%
XYZ	1.7190, 2.4475, 0.7296
YIQ	39.1120, 2.0200, -14.5880

Conversions

Conversions Part 2

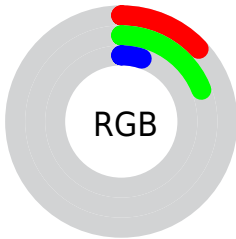
Format	Color
R_{YB}	12, 48, 28
Decimal	2109452
CIE _{Lab}	17.68, -13.93, 20.05
CIE _{LCh}	18, 24.408, 124.789
Y _{xy}	2.4475, 0.3511, 0.4999
Android (android.graphics.Color)	4280299532 (0xFF20300C)
Y _{UV}	39.1120, -13.3662, -6.2372
Hunter-Lab	15.6446, -7.7650, 8.1860

Details

The Android color **4280299532** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4280028208**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4283260472**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280168455**, and if you desaturate by 10%, it is **4280430609**.

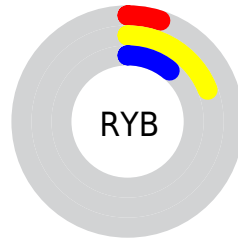
Distribution



Red (13%)

Green (19%)

Blue (5%)



Red (5%)

Yellow (19%)

Blue (11%)

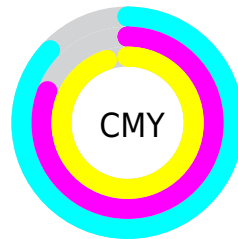


Cyan (33%)

Magenta (0%)

Yellow (75%)

Black (81%)



Cyan (87%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280299532 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 4280299532 by changing the saturation by 10% instead.



4280299532



4280299532



4294967277



4278656000



4283260472



4278190080



4284905295



4286550375



4288260992



4290037402



4291879605



4293722065



4280299532



4280299532

■ 4280168455

■ 4280430609

■ 4280037378

■ 4280561686

■ 4279971840

■ 4280692762

■ 4280889375

■ 4281020452

■ 4281151529

■ 4281282606

■ 4281413682

■ 4281544759

Harmonies

Analogous

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



[4281477891](#)



[4280299532](#)



[4278399772](#)

Triad

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



4280299532



4278202699



4283112233

Complementary

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



4280299532



4280028208

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.



4282588731



4280299532



4278856782

Square

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



4280299532



4278203199



4281345352



4283047448

Rectangle

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



4280299532



4278203432



4281345352



4282981423

Sweetspot

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



4280299532



4281810223



4281342988



4279967510



4288585374



4280229663

Same Dimension

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



4280299532



4280630534



4279119884



4279637781



4281358080



4286043648

Inverse Universe

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



4280028208



4280223293



4281207856



4279637271



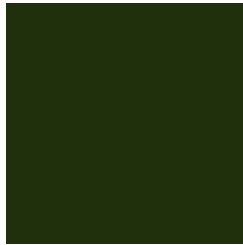
4280746071



4284416214

Previews

White Background



This preview shows how the Android color 4280299532 looks on a white background.

Color Contrast Check

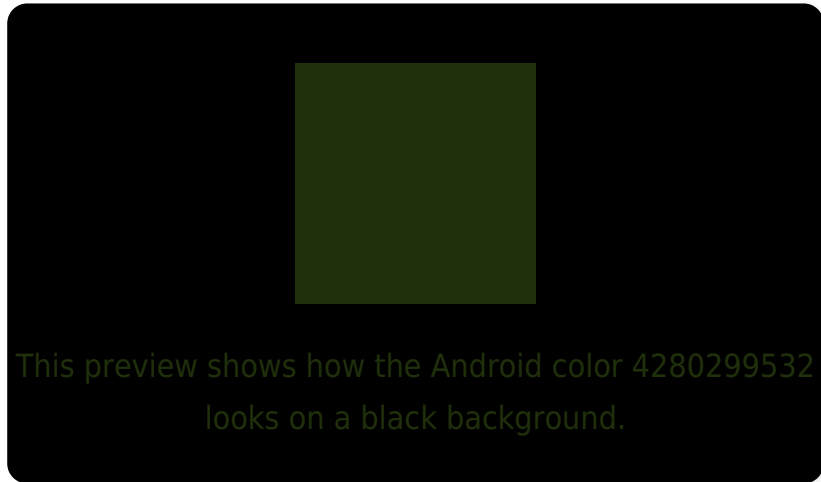
Large Text (above 18pt) WCAG AA ✓ Pass

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

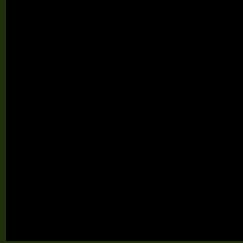
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

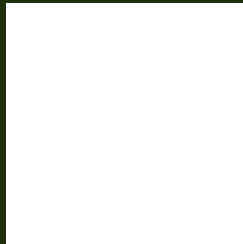
Any Text WCAG AAA × Fail

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

Android 4280299532 Background



This preview shows how black text looks on a background with the Android color 4280299532.



This preview shows how white text looks on a background with the Android color 4280299532.

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
[4280299532](#)

Protanopia
[4281412363](#)

Deuteranopia
[4281739535](#)

Trichromacy



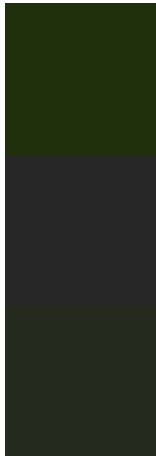
Original Color
4280299532

Protanomaly
4281019659

Deuteranomaly
4281216014

Tritanomaly
4280495651

Monochromacy



Original Color
4280299532

Achromatopsia
4280756007

Achromatomaly
4280560157

CSS Examples

Text

The CSS property to change the color of the text to Android 4280299532 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(32, 48, 12)` looks like.

```
.text, #text, p{  
    color:rgb(32, 48, 12)  
}
```

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(32, 48, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 48, 12) }
```

Border

The CSS property to change the border of an element to Android 4280299532 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(32, 48, 12) }
```

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

```
.border{ border-color:rgb(32, 48, 12) }
```

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

Here you see how a box with a 4 pixel rgb(32, 48, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 48, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 48, 12);  
box-shadow:4px 4px 4px 4px rgb(32, 48, 12)  
}
```

Background

The CSS property to change the background color of an element to Android 4280299532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 48, 12) }
```

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

```
.background{ background-color: rgb(32, 48,  
12) }
```

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