

Converting Colors

Android(4280294667)

Have a look what the booklet for
Android(4280294667) contains.

| | |
|--|----|
| Android(4280294667) | 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(4280294667)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 201D0B |
| RGB | 32, 29, 11 |
| RGB Percent | 13%, 11%, 4% |
| CMY | 0.8745, 0.8863, 0.9569 |
| CMYK | 0.00, 0.09, 0.66, 0.87 |
| HSL | 51°, 49%, 8% |
| HSV | 51°, 66%, 13% |
| XYZ | 1.0954, 1.2100, 0.4924 |
| YIQ | 27.8450, 7.5660, -4.9620 |

Conversions

Conversions Part 2

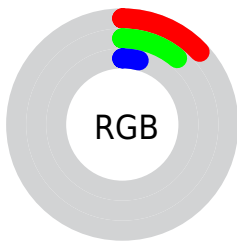
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 15, 32, 11 |
| Decimal | 2104587 |
| CIE Lab | 10.63, -1.85, 11.29 |
| CIE LCh | 11, 11.436, 99.291 |
| Yxy | 1.2100, 0.3915, 0.4325 |
| Android (android.graphics.Color) | 4280294667 (0xFF201D0B) |
| YUV | 27.8450, -8.3046, 3.6439 |
| Hunter-Lab | 10.9999, -1.4736, 5.0457 |

Details

The Android color **4280294667** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4278914592**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4283189303**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280294664**, and if you desaturate by 10%, it is **4280294670**.

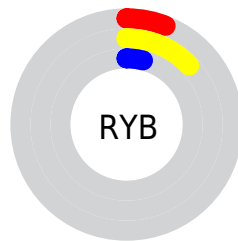
Distribution



Red (13%)

Green (11%)

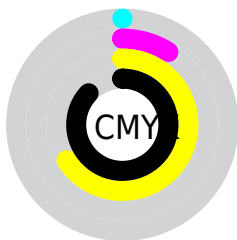
Blue (4%)



Red (6%)

Yellow (13%)

Blue (4%)

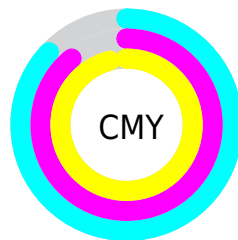


Cyan (0%)

Magenta (9%)

Yellow (66%)

Black (87%)



Cyan (87%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280294667 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 4280294667 by changing the saturation by 10% instead.



4280294667



4280294667



4294967275



4278191104



4283189303



4278190080



4284768333



4286413157



4288123774



4289899928



4291741875



4293584079



4280294667



4280294667

■ 4280294664

■ 4280294670

■ 4280294405

■ 4280294929

■ 4280294401

■ 4280294933

■ 4280294144

■ 4280295192

■ 4280295195

■ 4280295454

■ 4280295457

■ 4280295717

■ 4280295720

Harmonies

Analogous

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



4280752653



4280294667



4279705360

Triad

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



4280294667



4278329382



4280817442

Complementary

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



4280294667



4278914592

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.



4280359465



4280294667



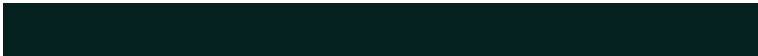
4278722347

Square

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



4280294667



4278460703



4279639340



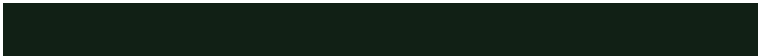
4281079579

Rectangle

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



4280294667



4279312405



4279639340



4280686629

Sweetspot

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



4280294667



4280887329



4280290062



4279505936



4287927444



4279505940

Same Dimension

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



4280294667



4280886281



4279836683



4279176974



4283384832



4291801344

Inverse Universe

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



4278914592



4278783273



4279372576



4279111183



4278192975



4278197967

Previews

White Background



This preview shows how the Android color 4280294667 looks on a white background.

Color Contrast Check

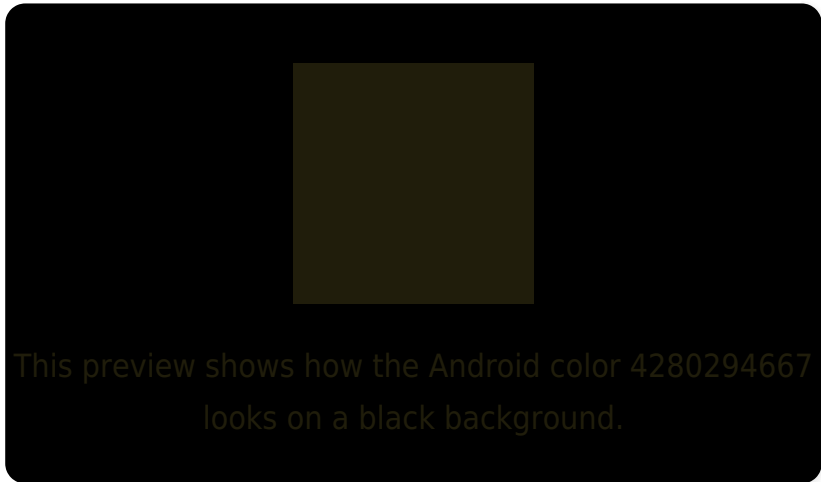
Large Text (above 18pt) WCAG AA ✓ Pass

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

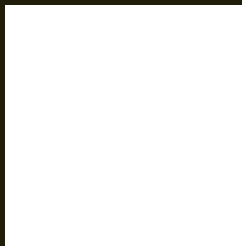
Any Text WCAG AAA × Fail

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

Android 4280294667 Background



This preview shows how black text looks on a background with the Android color 4280294667.

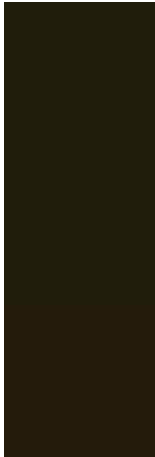


This preview shows how white text looks on a background with the Android color 4280294667.

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

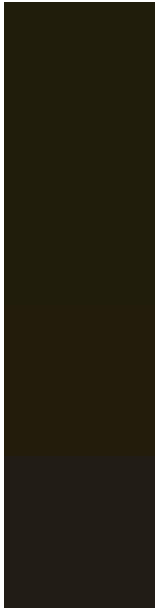


Original Color
4280294667

Protanopia
4280294667

Deuteranopia
4280556299

Trichromacy



Original Color

4280294667

Protanomaly

4280294667

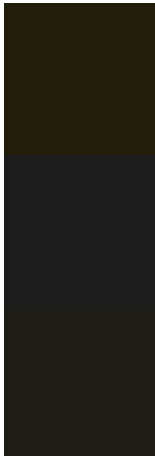
Deuteranomaly

4280491019

Tritanomaly

4280359958

Monochromacy



Original Color

4280294667

Achromatopsia

4280032284

Achromatomaly

4280097814

CSS Examples

Text

The CSS property to change the color of the text to Android 4280294667 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, 29, 11)` looks like.

```
.text, #text, p{  
    color:rgb(32, 29, 11)  
}
```

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, 29, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 29, 11) }
```

Border

The CSS property to change the border of an element to Android 4280294667 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, 29, 11) }
```

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

```
.border{ border-color:rgb(32, 29, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 29, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 29, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 29, 11);  
box-shadow:4px 4px 4px 4px rgb(32, 29, 11)  
}
```

Background

The CSS property to change the background color of an element to Android 4280294667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 29, 11) }
```

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

```
.background{ background-color: rgb(32, 29,  
11) }
```

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