

Converting Colors

Android(4280318308)

Have a look what the booklet for
Android(4280318308) contains.

Android(4280318308)	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(4280318308)

Conversions

Conversions Part 1

Format	Color
Hex	207964
RGB	32, 121, 100
RGB Percent	13%, 47%, 39%
CMY	0.8745, 0.5255, 0.6078
CMYK	0.74, 0.00, 0.17, 0.53
HSL	166°, 58%, 30%
HSV	166°, 74%, 47%
XYZ	9.7333, 14.9019, 14.4200
YIQ	91.9950, -46.3030, -25.3990

Conversions

Conversions Part 2

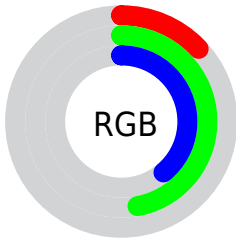
Format	Color
RYB	32, 82, 121
Decimal	2128228
CIELab	45.50, -31.16, 4.09
CIELCh	45, 31.426, 172.524
Yxy	14.9019, 0.2492, 0.3816
Android (android.graphics.Color)	4280318308 (0xFF207964)
YUV	91.9950, 3.9465, -52.6156
Hunter-Lab	38.6030, -22.5486, 4.8746

Details

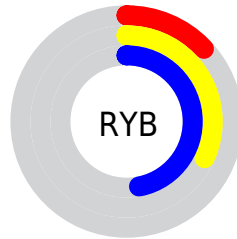
The Android color **4280318308** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4286128181**, and the grayscale version is **4284243036**.

A 20% lighter version of the original color is **4284133015**, and **4278208309** is the 20% darker color. If you saturate the color by 10%, you get **4279531873**, and if you desaturate by 10%, it is **4281104743**.

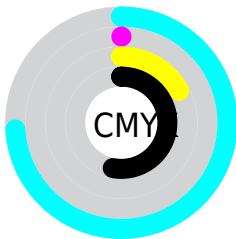
Distribution



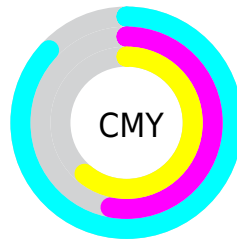
- Red (13%)
- Green (47%)
- Blue (39%)



- Red (13%)
- Yellow (32%)
- Blue (47%)



- Cyan (74%)
- Magenta (0%)
- Yellow (17%)
- Black (53%)



- Cyan (87%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280318308 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 4280318308 by changing the saturation by 10% instead.

 4280318308

 4280318308

4294967295

 4278214732

 4284133015

 4278208309

 4285975217

 4278202400

 4287751885

 4278197257

 4289593321

 4278190080


 4291493887

 4293394431

 4280318308

 4280318308

 4279531873

 4281104743

■ 4278745438

■ 4281891178

■ 4278221148

■ 4282677613

■ 4283464047

■ 4284250482

■ 4285102453

■ 4285888888

■ 4286675323

■ 4287461758

Harmonies

Analogous

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



4283070027



4280318308



4278221183

Triad

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



4280318308



4284770204



4287979331

Complementary

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



4280318308



4286128181

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.



4288567385



4280318308



4286996108

Square

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



4280318308



4281626783



4288305011



4286736439

Rectangle

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



4280318308



4278220942



4288305011



4288240713

Sweetspot

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



4280318308



4286291606



4281760032



4282011466



4291809231



4283387727

Same Dimension

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



4280318308



4279475837



4280312697



4281810236



4278222175



4278254785

Inverse Universe

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



4286128181



4288549684



4286133792



4282201913



4286382109



4294705212

Previews

White Background



This preview shows how the Android color 4280318308 looks on a white background.

Color Contrast Check

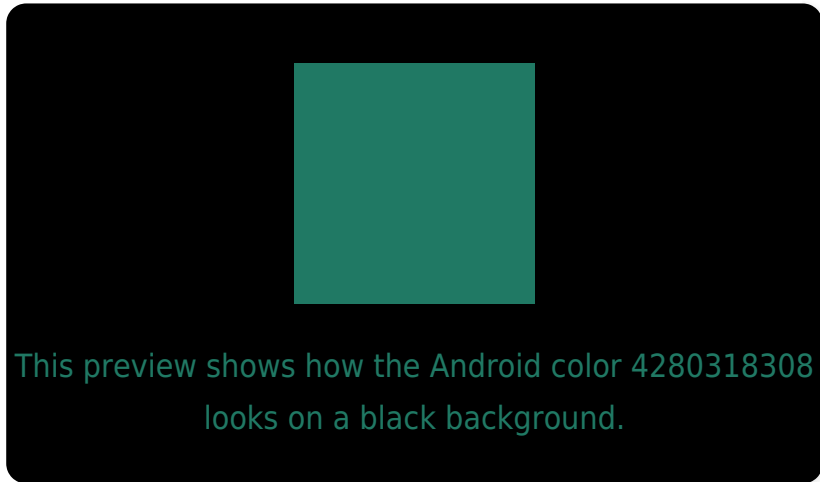
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

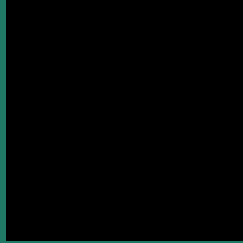
Any Text WCAG AA × Fail

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 4280318308 Background



This preview shows how black text looks on a background with the Android color 4280318308.



This preview shows how white text looks on a background with the Android color 4280318308.

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
4280318308

Protanopia
4285557597

Deuteranopia
4286015592

Trichromacy



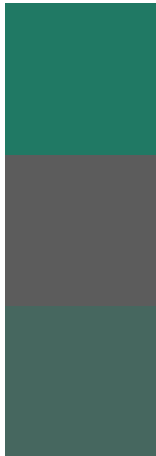
Original Color
4280318308

Protanomaly
4283658336

Deuteranomaly
4283919975

Tritanomaly
4280907381

Monochromacy



Original Color
4280318308

Achromatopsia
4284243036

Achromatomaly
4282804063

CSS Examples

Text

The CSS property to change the color of the text to Android 4280318308 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, 121, 100)` looks like.

```
.text, #text, p{  
    color:rgb(32, 121, 100)  
}
```

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, 121, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 121, 100) }
```

Border

The CSS property to change the border of an element to Android 4280318308 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, 121, 100) }
```

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

```
.border{ border-color:rgb(32, 121, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 121, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 121, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 121, 100);  
box-shadow:4px 4px 4px 4px rgb(32, 121,  
100) }
```

Background

The CSS property to change the background color of an element to Android 4280318308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 121, 100) }
```

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

```
.background{ background-color: rgb(32, 121,  
100) }
```

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