

Converting Colors

Android(4280718676)

Have a look what the booklet for
Android(4280718676) contains.

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Color

Android(4280718676)

Conversions

Conversions Part 1

Format	Color
Hex	269554
RGB	38, 149, 84
RGB Percent	15%, 58%, 33%
CMY	0.8510, 0.4157, 0.6706
CMYK	0.74, 0.00, 0.44, 0.42
HSL	145°, 59%, 37%
HSV	145°, 74%, 58%
XYZ	13.1470, 22.5471, 12.0466
YIQ	108.4010, -45.2910, -43.7470

Conversions

Conversions Part 2

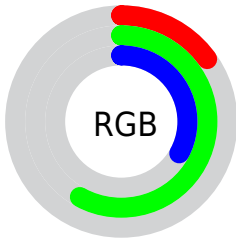
Format	Color
R _Y B	38, 116, 149
Decimal	2528596
CIE Lab	54.60, -45.74, 25.72
CIE LCh	55, 52.472, 150.654
Yxy	22.5471, 0.2754, 0.4723
Android (android.graphics.Color)	4280718676 (0xFF269554)
YUV	108.4010, -12.0297, -61.7417
Hunter-Lab	47.4837, -33.6746, 18.1968

Details

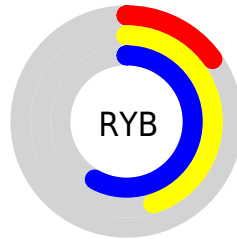
The Android color `4280718676` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4287964775`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4284796038`, and `4278214949` is the 20% darker color. If you saturate the color by 10%, you get `4279735627`, and if you desaturate by 10%, it is `4281701725`.

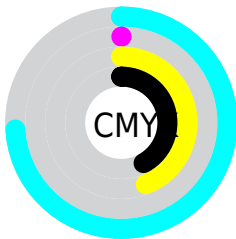
Distribution



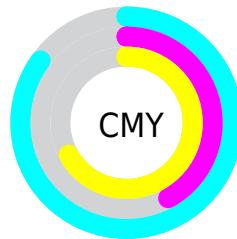
- Red (15%)
- Green (58%)
- Blue (33%)



- Red (15%)
- Yellow (45%)
- Blue (58%)



- Cyan (74%)
- Magenta (0%)
- Yellow (44%)
- Black (42%)



- Cyan (85%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280718676 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 4280718676 by changing the saturation by 10% instead.

 4280718676

 4280718676

4294967295

 4278221628

 4284796038

 4278214949

 4286638497

 4278208527

 4288544700

 4278202624

 4290379736

 4278196480

 4292345845

 4278190080

 4294246399

 4280718676

 4280718676

 4279735627

 4281701725

■ 4278752579

■ 4282684773

■ 4278228286

■ 4283667822

■ 4284650871

■ 4285633920

■ 4286551432

■ 4287534481

■ 4288517530

■ 4289500579

Harmonies

Analogous

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



4285304110



4280718676



4278229122

Triad

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



4280718676



4278224861



4291977047

Complementary

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



4280718676



4287964775

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.



4292040836



4280718676



4286871249

Square

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



4280718676



4278227921



4290405296



4290605106

Rectangle

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



4280718676



4278229153



4290405296



4292172645

Sweetspot

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



4280718676



4288135849



4285109542



4282933586



4292927712



4284572001

Same Dimension

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



4280718676



4279616093



4280718730



4282600006



4278225465



4278192644

Inverse Universe

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



4287964775



4290909562



4287964721



4283056967



4287234129



4278845446

Previews

White Background



This preview shows how the Android color 4280718676 looks on a white background.

Color Contrast Check

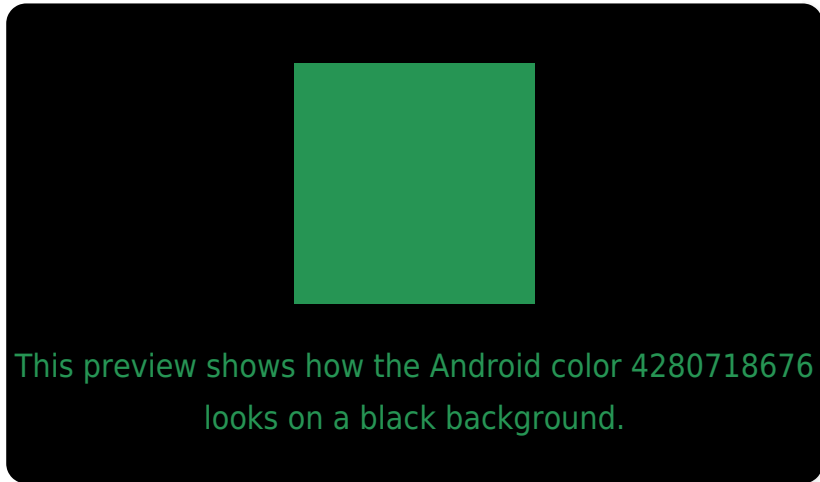
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Android 4280718676 Background



This preview shows how black text looks on a background with the Android color 4280718676.



This preview shows how white text looks on a background with the Android color 4280718676.

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
4280718676

Protanopia
4287529549

Deuteranopia
4288379994

Trichromacy



Original Color

4280718676



Protanomaly

4285040976



Deuteranomaly

4285564248



Tritanomaly

4281831552

Monochromacy



Original Color

4280718676



Achromatopsia

4285295724



Achromatomaly

4283661155

CSS Examples

Text

The CSS property to change the color of the text to Android 4280718676 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(38, 149, 84)` looks like.

```
.text, #text, p{  
    color:rgb(38, 149, 84)  
}
```

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(38, 149, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 149, 84) }
```

Border

The CSS property to change the border of an element to Android 4280718676 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(38, 149, 84) }
```

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

```
.border{ border-color:rgb(38, 149, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 149, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 149, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 149, 84);  
box-shadow:4px 4px 4px 4px rgb(38, 149,  
84) }
```

Background

The CSS property to change the background color of an element to Android 4280718676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 149, 84) }
```

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

```
.background{ background-color: rgb(38, 149,  
84) }
```

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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