

Converting Colors

Android(4280712028)

Have a look what the booklet for
Android(4280712028) contains.

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Color

Android(4280712028)

Conversions

Conversions Part 1

Format	Color
Hex	267B5C
RGB	38, 123, 92
RGB Percent	15%, 48%, 36%
CMY	0.8510, 0.5176, 0.6392
CMYK	0.69, 0.00, 0.25, 0.52
HSL	158°, 53%, 32%
HSV	158°, 69%, 48%
XYZ	9.8141, 15.3507, 12.5709
YIQ	94.0510, -40.7090, -27.6610

Conversions

Conversions Part 2

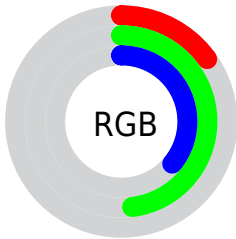
Format	Color
RYB	38, 90, 123
Decimal	2521948
CIELab	46.11, -33.15, 9.70
CIELCh	46, 34.539, 163.688
Yxy	15.3507, 0.2601, 0.4068
Android (android.graphics.Color)	4280712028 (0xFF267B5C)
YUV	94.0510, -1.0111, -49.1567
Hunter-Lab	39.1800, -23.8531, 8.4027

Details

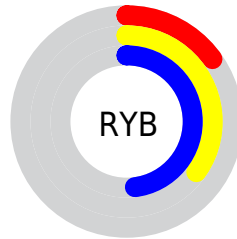
The Android color `4280712028` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4286260805`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4284395662`, and `4278208814` is the 20% darker color. If you saturate the color by 10%, you get `4279925592`, and if you desaturate by 10%, it is `4281498464`.

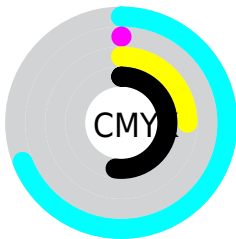
Distribution



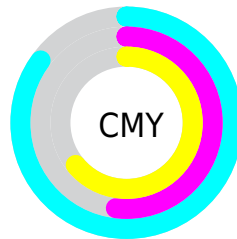
- Red (15%)
- Green (48%)
- Blue (36%)



- Red (15%)
- Yellow (35%)
- Blue (48%)



- Cyan (69%)
- Magenta (0%)
- Yellow (25%)
- Black (52%)



- Cyan (85%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280712028 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 4280712028 by changing the saturation by 10% instead.



4280712028



4280712028

4294967295



4278215236



4284395662



4278208814



4286172329



4278202905



4288014532



4278197760



4289855456



4278190080



4291690493



4293591039



4280712028



4280712028



4279925592



4281498464

■ 4279073619

■ 4282350437

■ 4278287183

■ 4283136873

■ 4278221646

■ 4283923310

■ 4284709746

■ 4285561719

■ 4286348155

■ 4287134592

■ 4287986564

Harmonies

Analogous

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



4283594562



4280712028



4278221946

Triad

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



4280712028



4283853989



4288568391

Complementary

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



4280712028



4286260805

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.



4288960097



4280712028



4286669207

Square

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



4280712028



4278220196



4288370558



4287391285

Rectangle

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



4280712028



4278221708



4288370558



4288829775

Sweetspot

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



4280712028



4286554516



4282743590



4282208842



4291940817



4283585106

Same Dimension

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



4280712028



4280000880



4280709243



4281810235



4278222159



4278254752

Inverse Universe

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



4286260805



4288748364



4286263590



4282201913



4286382126



4294705244

Previews

White Background



This preview shows how the Android color 4280712028 looks on a white background.

Color Contrast Check

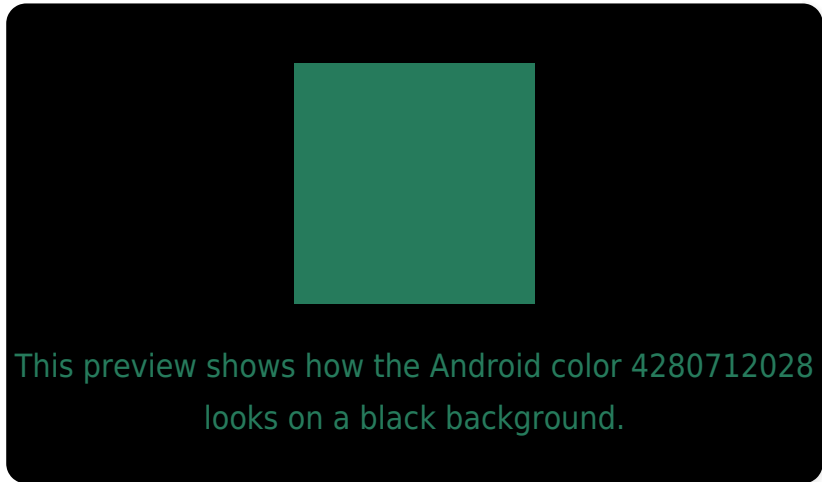
Large Text (above 18pt) WCAG AA ✓ Pass

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

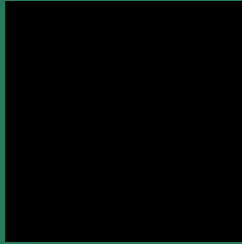
Any Text WCAG AA × Fail

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 4280712028 Background



This preview shows how black text looks on a background with the Android color 4280712028.



This preview shows how white text looks on a background with the Android color 4280712028.

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

4280712028

Protanopia

4285819989

Deuteranopia

4286343520

Trichromacy



Original Color
4280712028

Protanomaly
4283986264

Deuteranomaly
4284313695

Tritanomaly
4281366643

Monochromacy



Original Color
4280712028

Achromatopsia
4284374622

Achromatomaly
4283066717

CSS Examples

Text

The CSS property to change the color of the text to Android 4280712028 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, 123, 92)` looks like.

```
.text, #text, p{  
    color:rgb(38, 123, 92)  
}
```

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, 123, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 123, 92) }
```

Border

The CSS property to change the border of an element to Android 4280712028 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, 123, 92) }
```

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

```
.border{ border-color:rgb(38, 123, 92) }
```

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

Here you see how a box with a 4 pixel rgb(38, 123, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 123, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 123, 92);  
box-shadow:4px 4px 4px 4px rgb(38, 123,  
92) }
```

Background

The CSS property to change the background color of an element to Android 4280712028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 123, 92) }
```

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

```
.background{ background-color: rgb(38, 123,  
92) }
```

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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