Converting Colors

Android(4278622773)

Have a look what the booklet for Android(4278622773) contains.

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Color

Android(4278622773)

Conversions

Conversions Part 1

Format	Color
Hex	069A35
RGB	6, 154, 53
RGB Percent	2%, 60%, 21%
CMY	0.9765, 0.3961, 0.7922
CMYK	0.96, 0.00, 0.66, 0.40
HSL	139°, 92%, 31%
HSV	139°, 96%, 60%
XYZ	12.2733, 23.4070, 7.2393
YIQ	98.2340, -55.7870, -62.7870

Conversions

Conversions Part 2

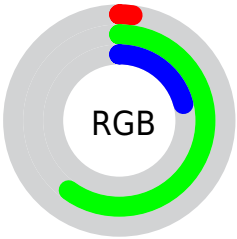
Format	Color
RYB	6, 118, 154
Decimal	432693
CIELab	55.49, -55.42, 42.23
CIELCh	55, 69.678, 142.690
Yxy	23.4070, 0.2860, 0.5454
Android (android.graphics.Color)	4278622773 (0xFF069A35)
YUV	98.2340, -22.3004, -80.8892
Hunter-Lab	48.3807, -39.3841, 24.9949

Details

The Android color 4278622773 is a dark color, and the websafe version is hex 009933. A complement of this color would be 4288284267, and the grayscale version is 4284637794.

A 20% lighter version of the original color is 4284076648, and 4278215936 is the 20% darker color. If you saturate the color by 10%, you get 4278229553, and if you desaturate by 10%, it is 4279605824.

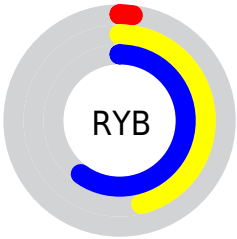
Distribution



Red (2%)

Green (60%)

Blue (21%)



Red (2%)

Yellow (46%)

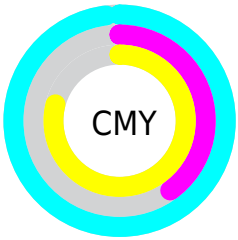
Blue (60%)

Cyan (96%)

Magenta (0%)

Yellow (66%)

Black (40%)



Cyan (98%)

Magenta (40%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278622773 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 4278622773 by changing the saturation by 10% instead.

4278622773

4294967295

4284076648

4286049922

4288020381

4289920952

4291887061

4293853169

4278622773

4278222619

4278215936

4278209536

4278203392

4278197248

4278190080

4278622773

4278229553

4278622773

4279605824

4280654410

4281637461

4282686047

4283669098

4284652148

4285700735

4286683785

4287732372

Harmonies

Analogous

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

4285828864

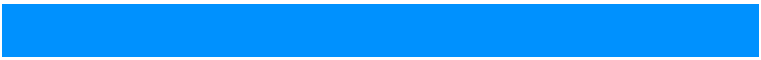
4278622773

4278230900

Triad

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

4278622773



4278227454

4293805914

Complementary

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

4278622773

4288284267

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.

4293411734

4278622773

4284578805

Square

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

4278622773

4278230245

4290665935

4292305697

Rectangle

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

4278622773

4278231198

4290665935

4293870190

Sweetspot

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

4278622773

4287613346

4285241862

4282541646

4293322470

4284900966

Same Dimension

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

4278622773

4278241600

4278622847

4282731847

4278225965

4278193412

Inverse Universe

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

4288284267

4291362953

4288284193

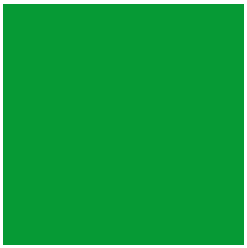
4283254090

4287365216

4279042057

Previews

White Background

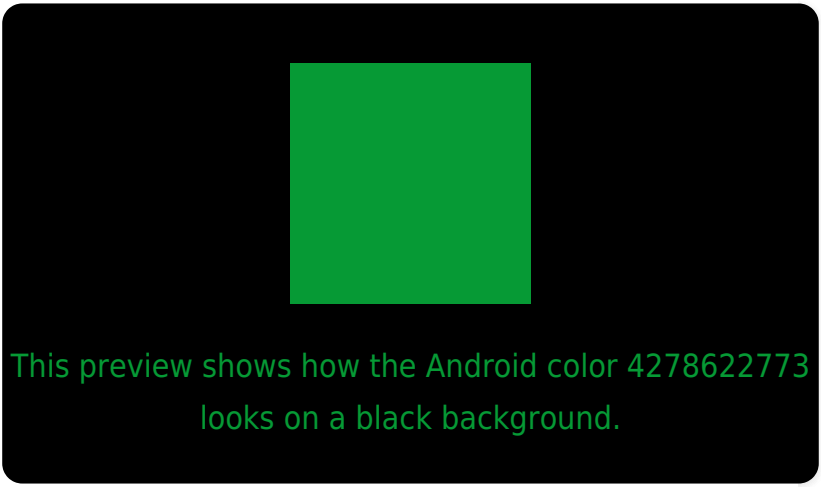


This preview shows how the Android color 4278622773 looks on a white background.

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

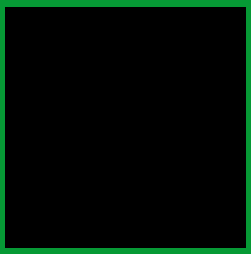


Color Contrast Check

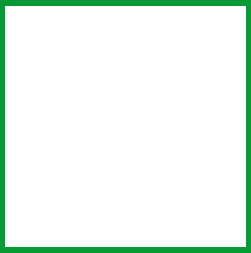
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4278622773 Background



This preview shows how black text looks on a background with the Android color 4278622773.



This preview shows how white text looks on a background with the Android color 4278622773.

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
4278622773

Protanopia
4287923247

Deuteranopia
4288904766

Tritanopia
4282290332

Trichromacy

Original Color
4278622773

Protanomaly
4284517425

Deuteranomaly
4285171771

Tritanomaly
4280980599

Monochromacy

Original Color
4278622773

Achromatopsia
4284637794

Achromatomaly
4282480210

CSS Examples

Text

The CSS property to change the color of the text to Android 4278622773 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(6, 154, 53) looks like.

```
.text, #text, p{
    color:rgb(6, 154, 53)
}
```

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(6, 154, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 154, 53) }
```

Border

The CSS property to change the border of an element to Android 4278622773 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(6, 154, 53) }
```

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

```
.border{ border-color:rgb(6, 154, 53) }
```

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

Here you see how a box with a 4 pixel rgb(6, 154, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(6, 154, 53); -webkit-box-shadow:4px 4px 4px 4px rgb(6, 154, 53); box-shadow:4px 4px 4px 4px rgb(6, 154, 53) }
```

Background

The CSS property to change the background color of an element to Android 4278622773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(6, 154, 53) }
```

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

```
.background{ background-color:rgb(6, 154,
53) }
```

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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