

Converting Colors

Android(4280659012)

Have a look what the booklet for
Android(4280659012) contains.

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Color

Android(4280659012)

Conversions

Conversions Part 1

Format	Color
Hex	25AC44
RGB	37, 172, 68
RGB Percent	15%, 67%, 27%
CMY	0.8549, 0.3255, 0.7333
CMYK	0.78, 0.00, 0.60, 0.33
HSL	134°, 65%, 41%
HSV	134°, 78%, 67%
XYZ	16.5589, 30.3157, 10.4476
YIQ	119.7790, -47.0760, -60.9640

Conversions

Conversions Part 2

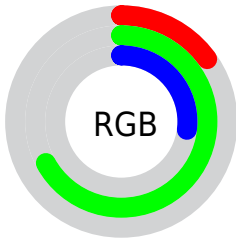
Format	Color
RYB	37, 147, 172
Decimal	2468932
CIELab	61.93, -56.63, 42.79
CIELCh	62, 70.981, 142.924
Yxy	30.3157, 0.2889, 0.5289
Android (android.graphics.Color)	4280659012 (0xFF25AC44)
YUV	119.7790, -25.5270, -72.5972
Hunter-Lab	55.0597, -42.6717, 27.2915

Details

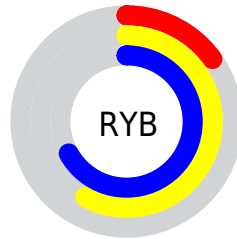
The Android color `4280659012` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4289471885`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285130103`, and `4278220302` is the 20% darker color. If you saturate the color by 10%, you get `4279544887`, and if you desaturate by 10%, it is `4281773137`.

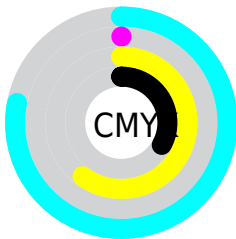
Distribution



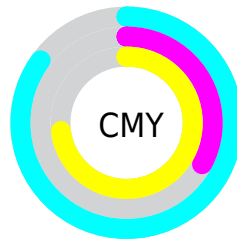
- Red (15%)
- Green (67%)
- Blue (27%)



- Red (15%)
- Yellow (58%)
- Blue (67%)



- Cyan (78%)
- Magenta (0%)
- Yellow (60%)
- Black (33%)



- Cyan (85%)
- Magenta (33%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280659012 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 4280659012 by changing the saturation by 10% instead.



4280659012



4280659012

4294967295



4278227243



4285130103



4278220302



4287102866



4278213632



4289068973



4278207232



4290969545



4278201600



4292935654



4278193408

4294901759



4278190080



4280659012



4280659012



4279544887



4281773137

■ 4278430761

■ 4282887263

■ 4278234151

■ 4284066924

■ 4285181049

■ 4286295174

■ 4287409300

■ 4288523425

■ 4289703086

■ 4290817211

Harmonies

Analogous

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



4286947584



4280659012



4278235524

Triad

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



4280659012



4278231807



4294924649

Complementary

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



4280659012



4289471885

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.



4294858151



4280659012



4285893631

Square

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



4280659012



4278234873



4291981026



4293686063

Rectangle

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



4280659012



4278236080



4291981026



4294923389

Sweetspot

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



4280659012



4289454263



4287605797



4283461719



4293980400



4285558896

Same Dimension

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



4280659012



4279099454



4280659078



4283324240



4278228515



4278195973

Inverse Universe

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



4289471885



4292873648



4289471819



4283911765



4288020596



4279697426

Previews

White Background



This preview shows how the Android color 4280659012 looks on a white background.

Color Contrast Check

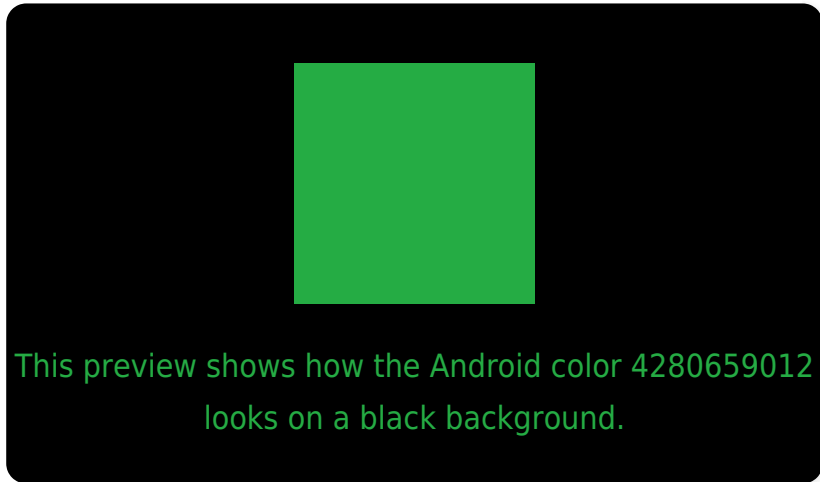
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Android 4280659012 Background



This preview shows how black text looks on a background with the Android color 4280659012.



This preview shows how white text looks on a background with the Android color 4280659012.

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



Trichromacy



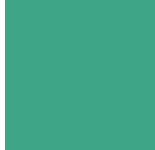
Original Color
4280659012



Protanomaly
4285963584



Deuteranomaly
4286683210



Tritanomaly
4282295687

Monochromacy



Original Color
4280659012



Achromatopsia
4286085240



Achromatomaly
4284124005

CSS Examples

Text

The CSS property to change the color of the text to Android 4280659012 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(37, 172, 68)` looks like.

```
.text, #text, p{  
    color:rgb(37, 172, 68)  
}
```

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(37, 172, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 172, 68) }
```

Border

The CSS property to change the border of an element to Android 4280659012 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(37, 172, 68) }
```

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

```
.border{ border-color:rgb(37, 172, 68) }
```

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

Here you see how a box with a 4 pixel rgb(37, 172, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 172, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 172, 68);  
box-shadow:4px 4px 4px 4px rgb(37, 172,  
68) }
```

Background

The CSS property to change the background color of an element to Android 4280659012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 172, 68) }
```

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

```
.background{ background-color: rgb(37, 172,  
68) }
```

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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