

Converting Colors

Android(4284001120)

Have a look what the booklet for
Android(4284001120) contains.

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Color

Android(4284001120)

Conversions

Conversions Part 1

Format	Color
Hex	58AB60
RGB	88, 171, 96
RGB Percent	35%, 67%, 38%
CMY	0.6549, 0.3294, 0.6235
CMYK	0.49, 0.00, 0.44, 0.33
HSL	126°, 33%, 51%
HSV	126°, 49%, 67%
XYZ	20.6987, 32.0451, 16.1607
YIQ	137.6330, -25.3930, -40.9210

Conversions

Conversions Part 2

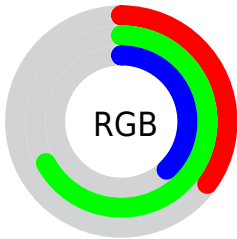
Format	Color
RYB	88, 164, 171
Decimal	5811040
CIELab	63.38, -41.34, 30.97
CIElCh	63, 51.651, 143.159
Yxy	32.0451, 0.3004, 0.4651
Android (android.graphics.Color)	4284001120 (0xFF58AB60)
YUV	137.6330, -20.5251, -43.5281
Hunter-Lab	56.6084, -33.7964, 22.6996

Details

The Android color `4284001120` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289419427`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4287619988`, and `4280186416` is the 20% darker color. If you saturate the color by 10%, you get `4282886993`, and if you desaturate by 10%, it is `4285115247`.

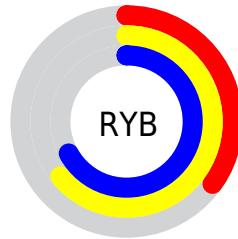
Distribution



Red (35%)

Green (67%)

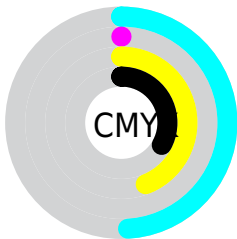
Blue (38%)



Red (35%)

Yellow (64%)

Blue (67%)

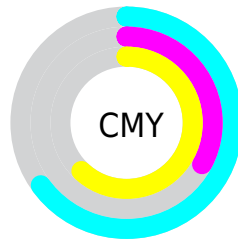


Cyan (49%)

Magenta (0%)

Yellow (44%)

Black (33%)



Cyan (65%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284001120 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 4284001120 by changing the saturation by 10% instead.

 4284001120

 4284001120

4294967295

 4282159175

 4287619988

 4280186416

 4289462191

 4278213912

 4291297226

 4278207488

 4293197798

 4278201600

 4278195200


 4278190080

 4284001120

 4284001120

 4282886993

 4285115247

 4281772865

 4286229375

 4280658738

 4287343502

 4279544610

 4288457630

 4278430483

 4289571757

 4278233872

 4290751421

 4291865548

 4292979676

 4294093803

Harmonies

Analogous

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



4287668800



4284001120



4278235277

Triad

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



4284001120



4278231796



4293817464

Complementary

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



4284001120



4289419427

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.



4293423782



4284001120



4287271662

Square

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



4284001120



4278234338



4291330001



4292772433

Rectangle

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



4284001120



4278235309



4291330001



4293882503

Sweetspot

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



4284001120



4290633408



4288981848



4284248158



4293980400



4285558896

Same Dimension

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



4284001120



4284341866



4284001160



4283324239



4278228495



4278195970

Inverse Universe

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



4289419427



4292763089



4289419387



4283911766



4288020616



4279697429

Previews

White Background



This preview shows how the Android color 4284001120 looks on a white background.

Color Contrast Check

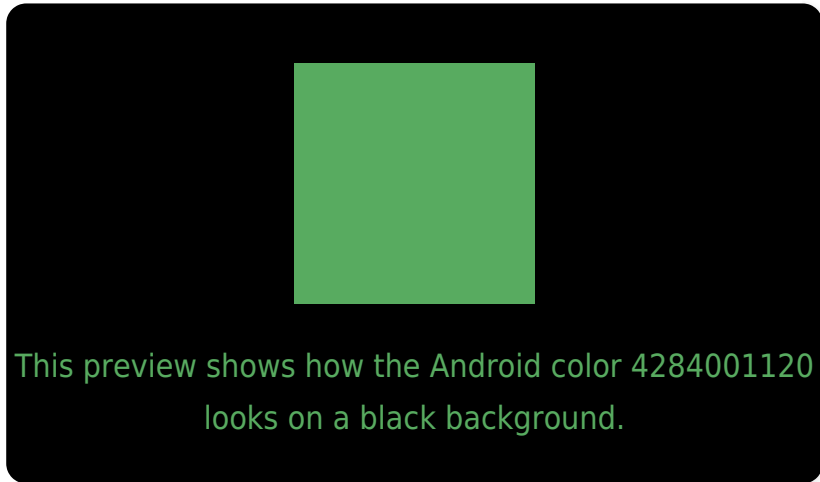
Large Text (above 18pt) WCAG AA × Fail

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 4284001120 Background



This preview shows how black text looks on a background with the Android color 4284001120.



This preview shows how white text looks on a background with the Android color 4284001120.

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
4284001120

Protanopia
4289173849

Deuteranopia
4290220646

Trichromacy



Original Color
4284001120



Protanomaly
4287275100



Deuteranomaly
4287929188



Tritanomaly
4284720530

Monochromacy



Original Color
4284001120



Achromatopsia
4287269514



Achromatomaly
4286092923

CSS Examples

Text

The CSS property to change the color of the text to Android 4284001120 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(88, 171, 96)` looks like.

```
.text, #text, p{  
    color:rgb(88, 171, 96)  
}
```

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(88, 171, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 171, 96) }
```

Border

The CSS property to change the border of an element to Android 4284001120 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(88, 171, 96) }
```

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

```
.border{ border-color:rgb(88, 171, 96) }
```

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

Here you see how a box with a 4 pixel rgb(88, 171, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 171, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 171, 96);  
box-shadow:4px 4px 4px 4px rgb(88, 171,  
96) }
```

Background

The CSS property to change the background color of an element to Android 4284001120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 171, 96) }
```

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

```
.background{ background-color: rgb(88, 171,  
96) }
```

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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