

Converting Colors

Android(4280453427)

Have a look what the booklet for
Android(4280453427) contains.

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Color

Android(4280453427)

Conversions

Conversions Part 1

Format	Color
Hex	228933
RGB	34, 137, 51
RGB Percent	13%, 54%, 20%
CMY	0.8667, 0.4627, 0.8000
CMYK	0.75, 0.00, 0.63, 0.46
HSL	130°, 60%, 34%
HSV	130°, 75%, 54%
XYZ	10.2029, 18.4704, 6.1594
YIQ	96.3990, -33.7820, -48.5820

Conversions

Conversions Part 2

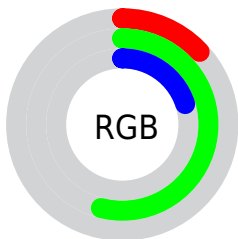
Format	Color
R_{YB}	34, 122, 137
Decimal	2263347
CIE _{Lab}	50.06, -47.12, 37.12
CIE _{LCh}	50, 59.988, 141.767
Yxy	18.4704, 0.2929, 0.5303
Android (android.graphics.Color)	4280453427 (0xFF228933)
YUV	96.3990, -22.3817, -54.7239
Hunter-Lab	42.9772, -32.8338, 21.5868

Details

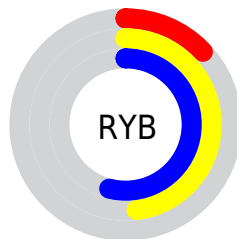
The Android color `4280453427` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4287177336`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284464997`, and `4278212096` is the 20% darker color. If you saturate the color by 10%, you get `4279535912`, and if you desaturate by 10%, it is `4281370942`.

Distribution



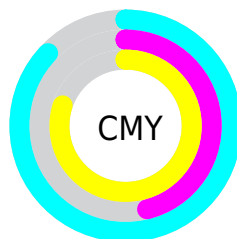
- Red (13%)
- Green (54%)
- Blue (20%)



- Red (13%)
- Yellow (48%)
- Blue (54%)



- Cyan (75%)
- Magenta (0%)
- Yellow (63%)
- Black (46%)



- Cyan (87%)
- Magenta (46%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280453427 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 4280453427 by changing the saturation by 10% instead.



4280453427



4280453427

4294967295



4278218522



4284464997



4278212096



4286372990



4278205696



4288215449



4278200320



4290117556



4278190080



4292018128



4293918701



4280453427



4280453427



4279535912



4281370942

■ 4278683932

■ 4282222922

■ 4278225175

■ 4283140437

■ 4284057953

■ 4284909932

■ 4285827448

■ 4286744963

■ 4287662479

■ 4288514458

Harmonies

Analogous

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



4285235200



4280453427



4278226535

Triad

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



4280453427



4278223325



4291904853

Complementary

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



4280453427



4287177336

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.



4291511175



4280453427



4283986135

Square

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



4280453427



4278225863



4289091767



4290664998

Rectangle

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



4280453427



4278226826



4289091767



4291969637

Sweetspot

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



4280453427



4287214480



4286220578



4282407236



4292467161



4284045657

Same Dimension

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



4280453427



4279415596



4280453477



4282271039



4278224150



4278191361

Inverse Universe

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



4287177336



4289925784



4287177286



4282728004



4286906479



4278517764

Previews

White Background



This preview shows how the Android color 4280453427 looks on a white background.

Color Contrast Check

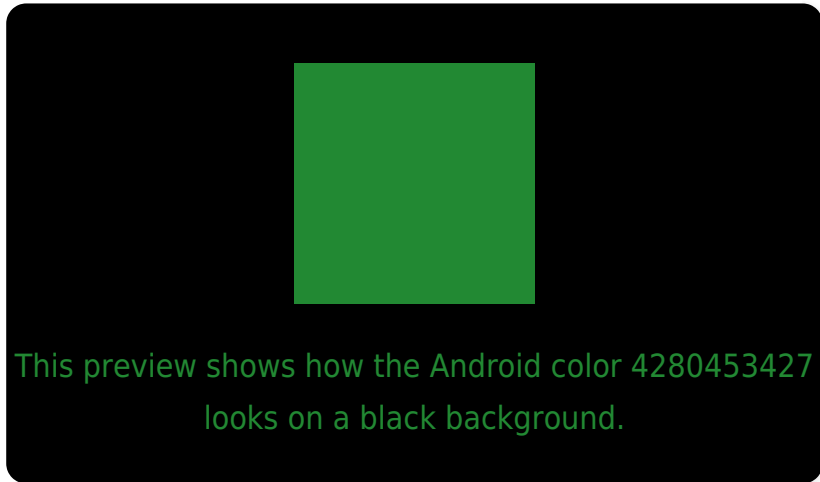
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280453427 Background



This preview shows how black text looks on a background with the Android color 4280453427.



This preview shows how white text looks on a background with the Android color 4280453427.

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
[4280453427](#)

Protanopia
[4286871342](#)

Deuteranopia
[4287787322](#)

Trichromacy



Original Color

4280453427



Protanomaly

4284513840



Deuteranomaly

4285102647



Tritanomaly

4281631595

Monochromacy



Original Color

4280453427



Achromatopsia

4284506208



Achromatomaly

4283002704

CSS Examples

Text

The CSS property to change the color of the text to Android 4280453427 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(34, 137, 51)` looks like.

```
.text, #text, p{  
    color:rgb(34, 137, 51)  
}
```

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(34, 137, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 137, 51) }
```

Border

The CSS property to change the border of an element to Android 4280453427 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(34, 137, 51) }
```

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

```
.border{ border-color:rgb(34, 137, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 137, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 137, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 137, 51);  
box-shadow:4px 4px 4px 4px rgb(34, 137,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4280453427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 137, 51) }
```

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

```
.background{ background-color: rgb(34, 137,  
51) }
```

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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