

Converting Colors

Android(4281369942)

Have a look what the booklet for
Android(4281369942) contains.

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Color

Android(4281369942)

Conversions

Conversions Part 1

Format	Color
Hex	308556
RGB	48, 133, 86
RGB Percent	19%, 52%, 34%
CMY	0.8118, 0.4784, 0.6627
CMYK	0.64, 0.00, 0.35, 0.48
HSL	147°, 47%, 35%
HSV	147°, 64%, 52%
XYZ	11.2862, 18.0753, 11.6981
YIQ	102.2270, -35.5730, -32.6370

Conversions

Conversions Part 2

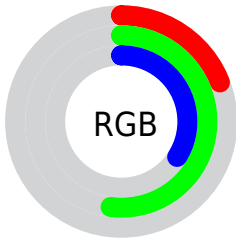
Format	Color
RYB	48, 107, 133
Decimal	3179862
CIELab	49.59, -36.95, 18.00
CIElCh	50, 41.100, 154.021
Yxy	18.0753, 0.2749, 0.4402
Android (android.graphics.Color)	4281369942 (0xFF308556)
YUV	102.2270, -7.9999, -47.5571
Hunter-Lab	42.5151, -27.0163, 13.4467

Details


The Android color `4281369942` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286918751`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4284988296`, and `4278211112` is the 20% darker color. If you saturate the color by 10%, you get `4280517967`, and if you desaturate by 10%, it is `4282221917`.

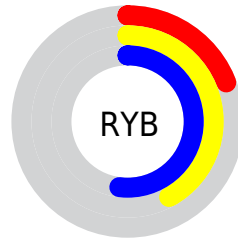
Distribution



 Red (19%)

 Green (52%)

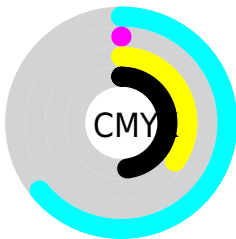
 Blue (34%)




 Red (19%)

 Yellow (42%)

 Blue (52%)

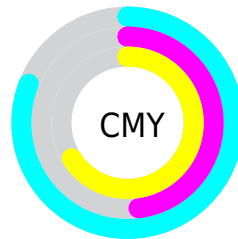


 Cyan (64%)


 Magenta (0%)

 Yellow (35%)

 Black (48%)



 Cyan (81%)

 Magenta (48%)

 Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281369942 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 4281369942 by changing the saturation by 10% instead.



4281369942



4281369942

4294967295



4279069502



4284988296



4278211112



4286830498



4278204947



4288607422



4278199808



4290445273



4278190080



4292345846



4294246399



4281369942



4281369942



4280517967



4282221917

■ 4279600455

■ 4283139429

■ 4278748480

■ 4283991404

■ 4278224187

■ 4284843379

■ 4285760891

■ 4286612866

■ 4287464841

■ 4288316817

■ 4289234328

Harmonies

Analogous

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



4284579641



4281369942



4278224762

Triad

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



4281369942



4282284219



4290010449

Complementary

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



4281369942



4286918751

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.



4290140275



4281369942



4286475184

Square

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



4281369942



4278223540



4289027733



4288833847

Rectangle

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



4281369942



4278224785



4289027733



4290206299

Sweetspot

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



4281369942



4287409563



4284515632



4282603340



4292269782



4283914071

Same Dimension

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



4281369942



4280855908



4281369983



4282139199



4278223418



4278190849

Inverse Universe

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



4286918751



4289538162



4286918710



4282530879



4286709832



4278386689

Previews

White Background



This preview shows how the Android color 4281369942 looks on a white background.

Color Contrast Check

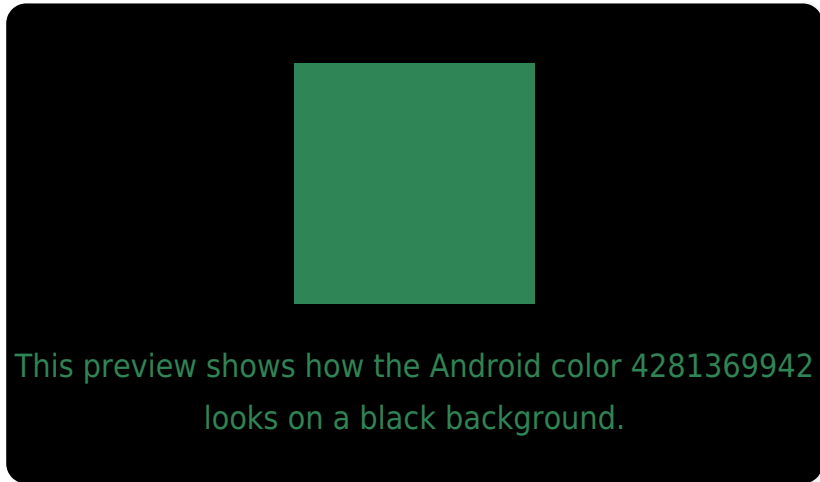
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4281369942 Background



This preview shows how black text looks on a background with the Android color 4281369942.



This preview shows how white text looks on a background with the Android color 4281369942.

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
4281369942

Protanopia
4286543183

Deuteranopia
4287197275

Trichromacy



Original Color

4281369942



Protanomaly

4284644178



Deuteranomaly

4285102169



Tritanomaly

4282089846

Monochromacy



Original Color

4281369942



Achromatopsia

4284900966



Achromatomaly

4283593056

CSS Examples

Text

The CSS property to change the color of the text to Android 4281369942 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(48, 133, 86)` looks like.

```
.text, #text, p{  
    color:rgb(48, 133, 86)  
}
```

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(48, 133, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 133, 86) }
```

Border

The CSS property to change the border of an element to Android 4281369942 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(48, 133, 86) }
```

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

```
.border{ border-color:rgb(48, 133, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 133, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 133, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 133, 86);  
box-shadow:4px 4px 4px 4px rgb(48, 133,  
86) }
```

Background

The CSS property to change the background color of an element to Android 4281369942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 133, 86) }
```

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

```
.background{ background-color: rgb(48, 133,  
86) }
```

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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