

Converting Colors

Android(4281944427)

Have a look what the booklet for
Android(4281944427) contains.

Android(4281944427)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281944427)

Conversions

Conversions Part 1

Format	Color
Hex	39496B
RGB	57, 73, 107
RGB Percent	22%, 29%, 42%
CMY	0.7765, 0.7137, 0.5804
CMYK	0.47, 0.32, 0.00, 0.58
HSL	221°, 30%, 32%
HSV	221°, 47%, 42%
XYZ	6.7237, 6.6965, 14.8481
YIQ	72.0920, -20.4500, 7.1820

Conversions

Conversions Part 2

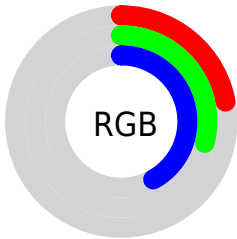
Format	Color
RYB	57, 69, 107
Decimal	3754347
CIELab	31.11, 3.75, -21.73
CIELCh	31, 22.048, 279.785
Yxy	6.6965, 0.2379, 0.2369
Android (android.graphics.Color)	4281944427 (0xFF39496B)
YUV	72.0920, 17.2096, -13.2357
Hunter-Lab	25.8776, 1.0937, -15.9053

Details

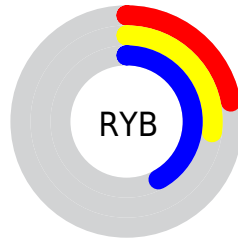
The Android color `4281944427` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4285225785`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4285233567`, and `4278591035` is the 20% darker color. If you saturate the color by 10%, you get `4281221739`, and if you desaturate by 10%, it is `4282667115`.

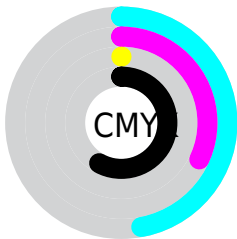
Distribution



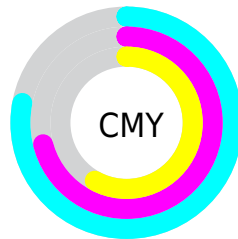
- Red (22%)
- Green (29%)
- Blue (42%)



- Red (22%)
- Yellow (27%)
- Blue (42%)



- Cyan (47%)
- Magenta (32%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281944427 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 4281944427 by changing the saturation by 10% instead.



4281944427



4281944427

4294967295



4280365907



4285233567



4278591035



4286944186



4278190886



4288655061



4278190351



4290497010



4278190080



4292339199



4294180863



4281944427



4281944427



4281221739



4282667115

■ 4280564331

■ 4283324523

■ 4279841643

■ 4284047211

■ 4279118955

■ 4284769899

■ 4278396267

■ 4285427051

■ 4278198891

■ 4286149995

■ 4286872683

■ 4287595371

■ 4288252523

Harmonies

Analogous

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



4279783017



4281944427



4283581284

Triad

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



4281944427



4285021748



4280701245

Complementary

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



4281944427



4285225785

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.



4282142510



4281944427



4284367913

Square

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



4281944427



4285152324



4283386407



4278735438

Rectangle

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



4281944427



4284432219



4283386407



4281225527

Sweetspot

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



4281944427



4286152588



4281953114



4282072903



4291282887



4282861383

Same Dimension

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



4281944427



4282275724



4282464619



4281348662



4278199925



4278210293

Inverse Universe

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



4285217097



4287381079



4284705593



4281741362



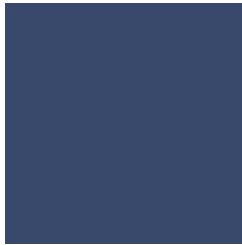
4285857830



4294246478

Previews

White Background



This preview shows how the Android color 4281944427 looks on a white background.

Color Contrast Check

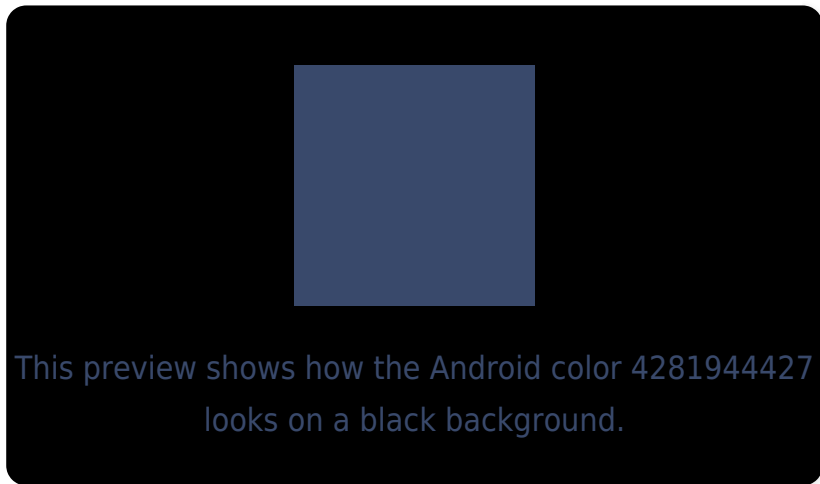
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4281944427 Background



This preview shows how black text looks on a background with the Android color 4281944427.

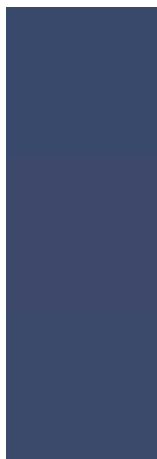


This preview shows how white text looks on a background with the Android color 4281944427.

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

4281944427

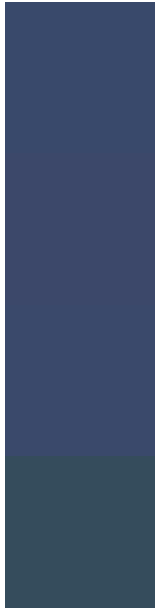
Protanopia

4282271850

Deuteranopia

4282075499

Trichromacy



Original Color

4281944427

Protanomaly

4282140778

Deuteranomaly

4282009963

Tritanomaly

4281683036

Monochromacy



Original Color

4281944427

Achromatopsia

4282927176

Achromatomaly

4282599509

CSS Examples

Text

The CSS property to change the color of the text to Android 4281944427 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(57, 73, 107)` looks like.

```
.text, #text, p{  
    color:rgb(57, 73, 107)  
}
```

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(57, 73, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 73, 107) }
```

Border

The CSS property to change the border of an element to Android 4281944427 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(57, 73, 107) }
```

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

```
.border{ border-color:rgb(57, 73, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 73, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 73, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 73, 107);  
box-shadow:4px 4px 4px 4px rgb(57, 73,  
107) }
```

Background

The CSS property to change the background color of an element to Android 4281944427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 73, 107) }
```

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

```
.background{ background-color: rgb(57, 73,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor