

Converting Colors

Android(4281616993)

Have a look what the booklet for
Android(4281616993) contains.

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Color

Android(4281616993)

Conversions

Conversions Part 1

Format	Color
Hex	344A61
RGB	52, 74, 97
RGB Percent	20%, 29%, 38%
CMY	0.7961, 0.7098, 0.6196
CMYK	0.46, 0.24, 0.00, 0.62
HSL	211°, 30%, 29%
HSV	211°, 46%, 38%
XYZ	6.0226, 6.4907, 12.2447
YIQ	70.0440, -20.4950, 2.4890

Conversions

Conversions Part 2

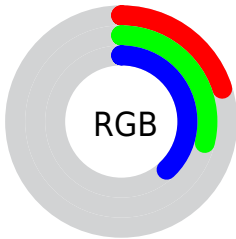
Format	Color
RYB	52, 67, 97
Decimal	3426913
CIELab	30.62, -1.60, -16.16
CIElCh	31, 16.240, 264.331
Yxy	6.4907, 0.2433, 0.2622
Android (android.graphics.Color)	4281616993 (0xFF344A61)
YUV	70.0440, 13.2893, -15.8246
Hunter-Lab	25.4768, -2.3878, -10.6621

Details

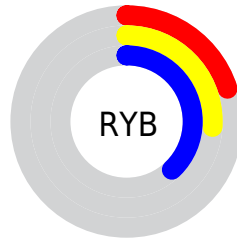
The Android color `4281616993` is a dark color, and the websafe version is hex `333333`. A complement of this color would be `4284566324`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4284840852`, and `4278394675` is the 20% darker color. If you saturate the color by 10%, you get `4280960353`, and if you desaturate by 10%, it is `4282273633`.

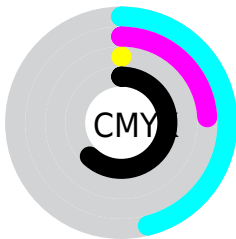
Distribution



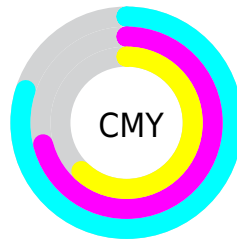
- Red (20%)
- Green (29%)
- Blue (38%)



- Red (20%)
- Yellow (26%)
- Blue (38%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (62%)



- Cyan (80%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281616993 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 4281616993 by changing the saturation by 10% instead.

■ 4281616993

■ 4281616993

4294967295

■ 4280038473

■ 4284840852

■ 4278394675

■ 4286551214

■ 4278191390

■ 4288262090

■ 4278190080

■ 4290038502

■ 4291880703

■ 4293722111

■ 4281616993

■ 4281616993

■ 4280960353

■ 4282273633

■ 4280369249

■ 4282864737

■ 4279712609

■ 4283521377

■ 4279055969

■ 4284178017

■ 4278464865

■ 4284834657

■ 4278202209

■ 4285425761

■ 4286082401

■ 4286739041

■ 4287330145

Harmonies

Analogous

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



4280569180



4281616993



4282861151

Triad

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



4281616993



4284563262



4281879865

Complementary

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



4281616993



4284566324

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.



4282796593



4281616993



4284301876

Square

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



4281616993



4284432203



4283647535



4280897349

Rectangle

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



4281616993



4283515738



4283647535



4282207542

Sweetspot

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



4281616993



4285232253



4281622859



4281678400



4290756543



4282400832

Same Dimension

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



4281616993



4281817469



4281611361



4281085488



4278204272



4278220272

Inverse Universe

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



4284560458



4286396249



4284571956



4281347118



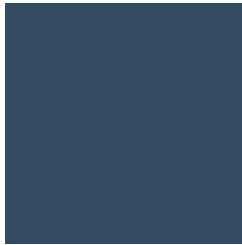
4285530167



4293918837

Previews

White Background



This preview shows how the Android color 4281616993 looks on a white background.

Color Contrast Check

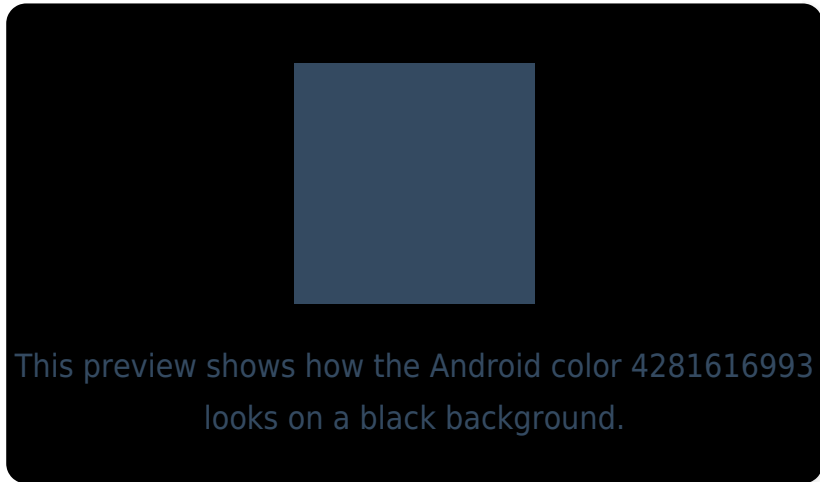
Large Text (above 18pt) WCAG AA ✓ Pass

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

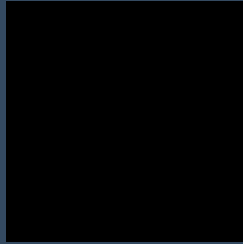
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

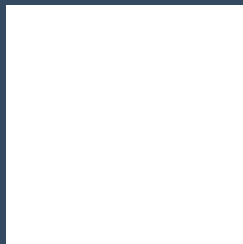
Any Text WCAG AAA × Fail

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

Android 4281616993 Background



This preview shows how black text looks on a background with the Android color 4281616993.



This preview shows how white text looks on a background with the Android color 4281616993.

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

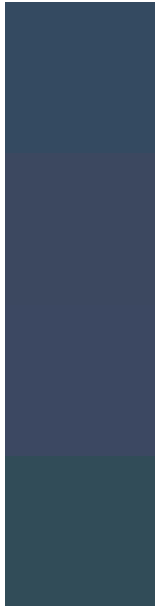


Original Color
4281616993

Protanopia
4282468191

Deuteranopia
4282402658

Trichromacy



Original Color

4281616993

Protanomaly

4282140768

Deuteranomaly

4282140770

Tritanomaly

4281420888

Monochromacy



Original Color

4281616993

Achromatopsia

4282795590

Achromatomaly

4282337104

CSS Examples

Text

The CSS property to change the color of the text to Android 4281616993 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(52, 74, 97)` looks like.

```
.text, #text, p{  
    color:rgb(52, 74, 97)  
}
```

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(52, 74, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 74, 97) }
```

Border

The CSS property to change the border of an element to Android 4281616993 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(52, 74, 97) }
```

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

```
.border{ border-color:rgb(52, 74, 97) }
```

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

Here you see how a box with a 4 pixel rgb(52, 74, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 74, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 74, 97);  
box-shadow:4px 4px 4px 4px rgb(52, 74, 97)  
}
```

Background

The CSS property to change the background color of an element to Android 4281616993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 74, 97) }
```

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

```
.background{ background-color: rgb(52, 74,  
97) }
```

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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