

Converting Colors

Android(4281228963)

Have a look what the booklet for
Android(4281228963) contains.

Android(4281228963)	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(4281228963)

Conversions

Conversions Part 1

Format	Color
Hex	2E5EA3
RGB	46, 94, 163
RGB Percent	18%, 37%, 64%
CMY	0.8196, 0.6314, 0.3608
CMYK	0.72, 0.42, 0.00, 0.36
HSL	215°, 56%, 41%
HSV	215°, 72%, 64%
XYZ	11.7403, 11.2306, 36.1993
YIQ	87.5140, -50.7570, 11.2830

Conversions

Conversions Part 2

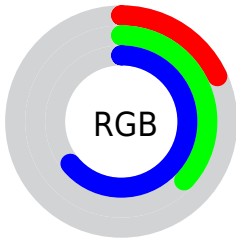
Format	Color
R_{YB}	46, 80, 163
Decimal	3038883
CIE _{Lab}	39.97, 7.78, -42.06
CIE _{LCh}	40, 42.771, 280.476
Yxy	11.2306, 0.1984, 0.1898
Android (android.graphics.Color)	4281228963 (0xFF2E5EA3)
YUV	87.5140, 37.2146, -36.4078
Hunter-Lab	33.5121, 3.8877, -40.5858

Details

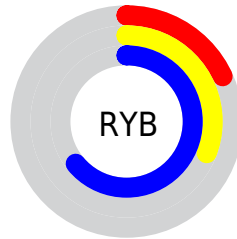
The Android color `4281228963` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288901934`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4285173978`, and `4278202735` is the 20% darker color. If you saturate the color by 10%, you get `4280177827`, and if you desaturate by 10%, it is `4282280099`.

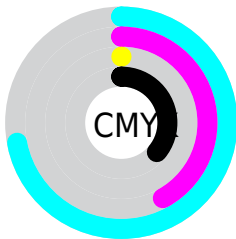
Distribution



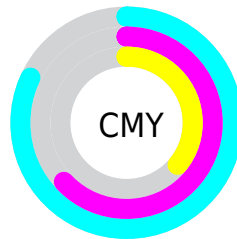
- Red (18%)
- Green (37%)
- Blue (64%)



- Red (18%)
- Yellow (31%)
- Blue (64%)



- Cyan (72%)
- Magenta (42%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (63%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281228963 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 4281228963 by changing the saturation by 10% instead.



4281228963



4281228963

4294967295



4278208392



4285173978



4278202735



4287081207



4278197590



4288923135



4278190142



4290830847



4278190887



4292738815



4278190353



4294705151



4278190080



4281228963



4281228963



4280177827



4282280099

■ 4279061411

■ 4283396515

■ 4278207395

■ 4284447651

■ 4285498531

■ 4286549667

■ 4287666339

■ 4288717219

■ 4289768355

■ 4290885027

Harmonies

Analogous

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



4278216864



4281228963



4285550740

Triad

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



4281228963



4288103986



4278218054

Complementary

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



4281228963



4288901934

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.



4282345765



4281228963



4286796825

Square

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



4281228963



4288560467



4284833809



4278218602

Rectangle

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



4281228963



4287186561



4284833809



4279594042

Sweetspot

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



4281228963



4289050836



4281246578



4283390827



4293651435



4285229931

Same Dimension

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



4281228963



4280182996



4281872035



4282994002



4278205585



4278191890

Inverse Universe

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



4288884318



4292091496



4288258862



4283582797



4287692860



4279369735

Previews

White Background



This preview shows how the Android color 4281228963 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



This preview shows how the Android color 4281228963 looks on a black 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

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

Android 4281228963 Background



This preview shows how black text looks on a background with the Android color 4281228963.



This preview shows how white text looks on a background with the Android color 4281228963.

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
4281228963

Protanopia
4282408097

Deuteranopia
4280770467

Trichromacy



Original Color
4281228963

Protanomaly
4281949602

Deuteranomaly
4280967075

Tritanomaly
4279329923

Monochromacy



Original Color
4281228963

Achromatopsia
4283979864

Achromatomaly
4282997363

CSS Examples

Text

The CSS property to change the color of the text to Android 4281228963 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(46, 94, 163)` looks like.

```
.text, #text, p{  
    color:rgb(46, 94, 163)  
}
```

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(46, 94, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 94, 163) }
```

Border

The CSS property to change the border of an element to Android 4281228963 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(46, 94, 163) }
```

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

```
.border{ border-color:rgb(46, 94, 163) }
```

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

Here you see how a box with a 4 pixel rgb(46, 94, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 94, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 94, 163);  
box-shadow:4px 4px 4px 4px rgb(46, 94,  
163) }
```

Background

The CSS property to change the background color of an element to Android 4281228963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 94, 163) }
```

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

```
.background{ background-color: rgb(46, 94,  
163) }
```

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