

Converting Colors

Android(4280568933)

Have a look what the booklet for
Android(4280568933) contains.

Android(4280568933)	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(4280568933)

Conversions

Conversions Part 1

Format	Color
Hex	244C65
RGB	36, 76, 101
RGB Percent	14%, 30%, 40%
CMY	0.8588, 0.7020, 0.6039
CMYK	0.64, 0.25, 0.00, 0.60
HSL	203°, 47%, 27%
HSV	203°, 64%, 40%
XYZ	5.6610, 6.4835, 13.2650
YIQ	66.8900, -31.8650, -0.7050

Conversions

Conversions Part 2

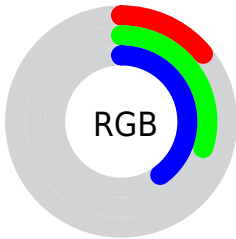
Format	Color
R_{YB}	36, 61, 101
Decimal	2378853
CIE Lab	30.60, -5.60, -18.80
CIE LCh	31, 19.618, 253.404
Yxy	6.4835, 0.2228, 0.2552
Android (android.graphics.Color)	4280568933 (0xFF244C65)
YUV	66.8900, 16.8162, -27.0905
Hunter-Lab	25.4628, -4.8753, -13.0636

Details

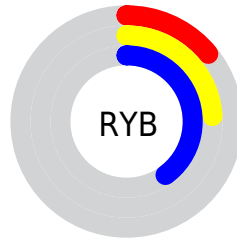
The Android color **4280568933** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4284824868**, and the grayscale version is **4282598211**.

A 20% lighter version of the original color is **4283989400**, and **4278198326** is the 20% darker color. If you saturate the color by 10%, you get **4279912549**, and if you desaturate by 10%, it is **4281225317**.

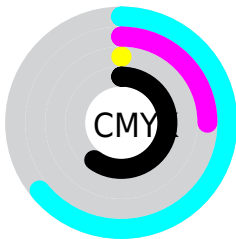
Distribution



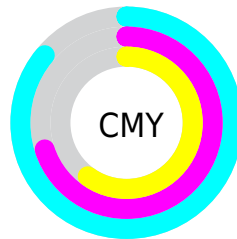
- Red (14%)
- Green (30%)
- Blue (40%)



- Red (14%)
- Yellow (24%)
- Blue (40%)



- Cyan (64%)
- Magenta (25%)
- Yellow (0%)
- Black (60%)



- Cyan (86%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280568933 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 4280568933 by changing the saturation by 10% instead.

4280568933

4280568933

4294967295

4278465869

4283989400

4278198326

4285700019

4278191649

4287410638

4278190086

4289187307

4278190080

4291029503

4292935679

4294836223

4280568933

4280568933

■ 4279912549

■ 4281225317

■ 4279256165

■ 4281881701

■ 4278599781

■ 4282538085

■ 4278206053

■ 4283194469

■ 4283916133

■ 4284572517

■ 4285228901

■ 4285885285

■ 4286541669

Harmonies

Analogous

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



4279127901



4280568933



4282206054

Triad

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



4280568933



4284890178



4282010929

Complementary

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



4280568933



4284824868

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.



4283124010



4280568933



4284694324

Square

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



4280568933



4284562769



4284105771



4280766527

Rectangle

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



4280568933



4283188066



4284105771



4282403886

Sweetspot

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



4280568933



4285102466



4280575293



4281547842



4290953922



4282532418

Same Dimension

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



4280568933



4280179842



4280560741



4281217331



4278208371



4278228466

Inverse Universe

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



4284818508



4286717532



4284833060



4281544241



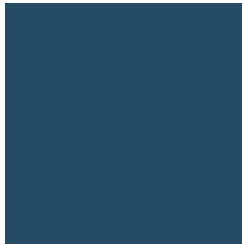
4285726791



4294049941

Previews

White Background



This preview shows how the Android color 4280568933 looks on a white background.

Color Contrast Check

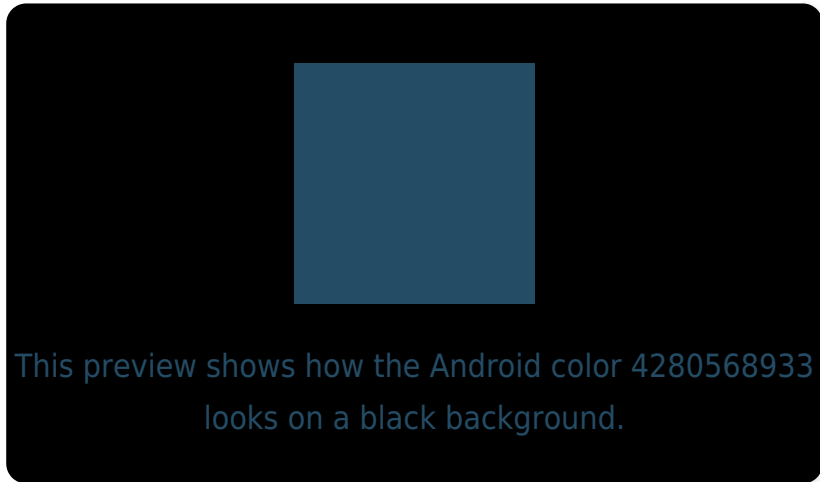
Large Text (above 18pt) WCAG AA ✓ Pass

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

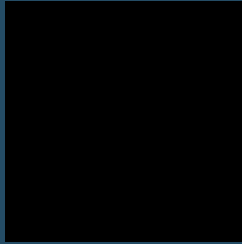
Any Text WCAG AA × Fail

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 4280568933 Background



This preview shows how black text looks on a background with the Android color 4280568933.



This preview shows how white text looks on a background with the Android color 4280568933.

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

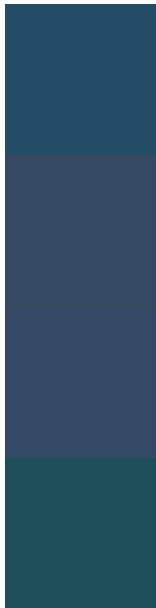


Original Color
4280568933

Protanopia
4282402657

Deuteranopia
4282206054

Trichromacy



Original Color
4280568933

Protanomaly
4281747810

Deuteranomaly
4281616742

Tritanomaly
4280241755

Monochromacy



Original Color
4280568933

Achromatopsia
4282598211

Achromatomaly
4281878095

CSS Examples

Text

The CSS property to change the color of the text to Android 4280568933 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(36, 76, 101)` looks like.

```
.text, #text, p{  
    color:rgb(36, 76, 101)  
}
```

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(36, 76, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 76, 101) }
```

Border

The CSS property to change the border of an element to Android 4280568933 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(36, 76, 101) }
```

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

```
.border{ border-color:rgb(36, 76, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 76, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 76, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 76, 101);  
box-shadow:4px 4px 4px 4px rgb(36, 76,  
101) }
```

Background

The CSS property to change the background color of an element to Android 4280568933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 76, 101) }
```

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

```
.background{ background-color: rgb(36, 76,  
101) }
```

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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