

Converting Colors

Android(4280830568)

Have a look what the booklet for
Android(4280830568) contains.

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Color

Android(4280830568)

Conversions

Conversions Part 1

Format	Color
Hex	284A68
RGB	40, 74, 104
RGB Percent	16%, 29%, 41%
CMY	0.8431, 0.7098, 0.5922
CMYK	0.62, 0.29, 0.00, 0.59
HSL	208°, 44%, 28%
HSV	208°, 62%, 41%
XYZ	5.8225, 6.3482, 14.0151
YIQ	67.2540, -29.8940, 2.1220

Conversions

Conversions Part 2

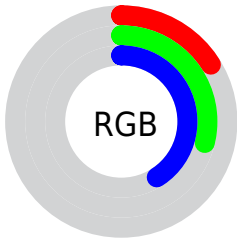
Format	Color
RYB	40, 62, 104
Decimal	2640488
CIELab	30.27, -2.35, -21.20
CIElCh	30, 21.329, 263.661
Yxy	6.3482, 0.2224, 0.2424
Android (android.graphics.Color)	4280830568 (0xFF284A68)
YUV	67.2540, 18.1158, -23.9018
Hunter-Lab	25.1955, -2.8419, -15.3435




Details

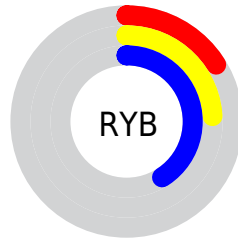
The Android color **4280830568** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4285023784**, and the grayscale version is **4282598211**.




A 20% lighter version of the original color is **4284185243**, and **4278198073** is the 20% darker color. If you saturate the color by 10%, you get **4280173928**, and if you desaturate by 10%, it is **4281487208**.

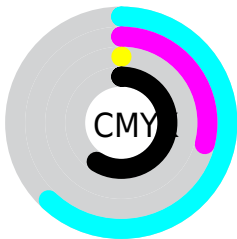
Distribution







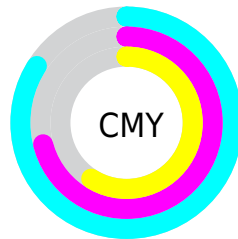
-  Red (16%)
-  Green (29%)
-  Blue (41%)






-  Red (16%)
-  Yellow (24%)
-  Blue (41%)



-  Cyan (62%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (84%)
-  Magenta (71%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280830568 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 4280830568 by changing the saturation by 10% instead.



4280830568



4280830568

4294967295



4278858832



4284185243



4278198073



4285895862



4278191139



4287672274



4278190091



4289448686



4278190080



4291290879



4293132287



4280830568



4280830568



4280173928



4281487208

■ 4279451752

■ 4282209384

■ 4278795112

■ 4282866024

■ 4278204264

■ 4283588200

■ 4284244584

■ 4284901224

■ 4285623400

■ 4286280040

■ 4287002216

Harmonies

Analogous

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



4278472290



4280830568



4282664038

Triad

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



4280830568



4284955451



4281421363

Complementary

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



4280830568



4285023784

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.



4282731048



4280830568



4284628781

Square

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



4280830568



4284824396



4283778342



4279914563

Rectangle

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



4280830568



4283646047



4283778342



4281879855

Sweetspot

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



4280830568



4285496455



4280838214



4281744965



4291085508



4282729797

Same Dimension

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



4280830568



4280506503



4280822376



4281217331



4278205811



4278223346

Inverse Universe

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



4285016138



4287046488



4285031976



4281544241



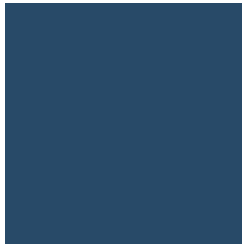
4285726781



4294049921

Previews

White Background



This preview shows how the Android color 4280830568 looks on a white background.

Color Contrast Check

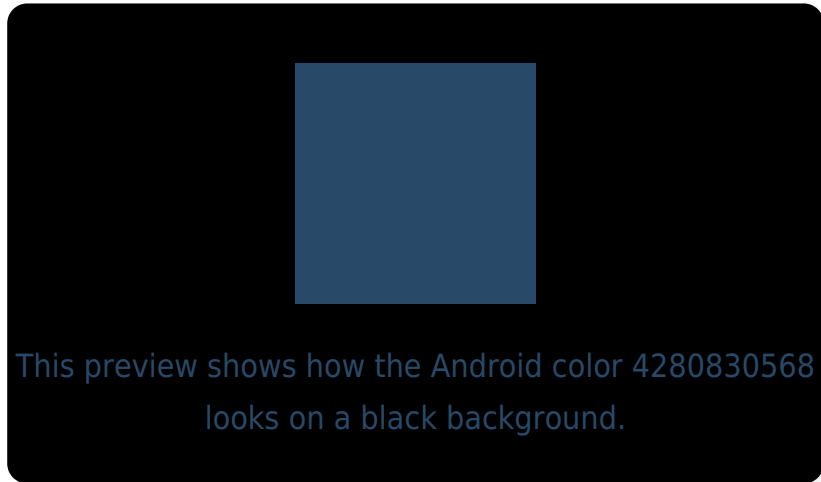
Large Text (above 18pt) WCAG AA ✓ Pass

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

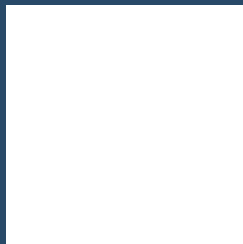
Any Text WCAG AAA × Fail

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

Android 4280830568 Background



This preview shows how black text looks on a background with the Android color 4280830568.

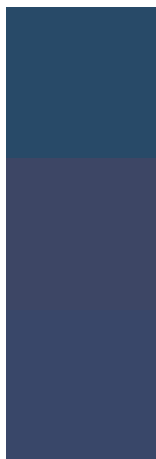


This preview shows how white text looks on a background with the Android color 4280830568.

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

4280830568

Protanopia

4282205797

Deuteranopia

4281943913

Trichromacy



Original Color

4280830568

Protanomaly

4281681766

Deuteranomaly

4281550953

Tritanomaly

4280438107

Monochromacy



Original Color

4280830568

Achromatopsia

4282598211

Achromatomaly

4281943632

CSS Examples

Text

The CSS property to change the color of the text to Android 4280830568 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(40, 74, 104)` looks like.

```
.text, #text, p{  
    color:rgb(40, 74, 104)  
}
```

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(40, 74, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 74, 104) }
```

Border

The CSS property to change the border of an element to Android 4280830568 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(40, 74, 104) }
```

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

```
.border{ border-color:rgb(40, 74, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 74, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 74, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 74, 104);  
box-shadow:4px 4px 4px 4px rgb(40, 74,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4280830568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 74, 104) }
```

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

```
.background{ background-color: rgb(40, 74,  
104) }
```

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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