

Converting Colors

Android(4280758683)

Have a look what the booklet for
Android(4280758683) contains.

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Color

Android(4280758683)

Conversions

Conversions Part 1

Format	Color
Hex	27319B
RGB	39, 49, 155
RGB Percent	15%, 19%, 61%
CMY	0.8471, 0.8078, 0.3922
CMYK	0.75, 0.68, 0.00, 0.39
HSL	235°, 60%, 38%
HSV	235°, 75%, 61%
XYZ	7.8514, 4.9945, 31.5606
YIQ	58.0940, -39.9860, 30.8460

Conversions

Conversions Part 2

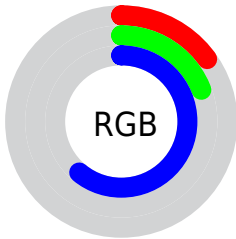
Format	Color
R_{YB}	39, 48, 155
Decimal	2568603
CIE _{Lab}	26.72, 33.62, -58.71
CIE _{LCh}	27, 67.654, 299.801
Yxy	4.9945, 0.1768, 0.1125
Android (android.graphics.Color)	4280758683 (0xFF27319B)
YUV	58.0940, 47.7747, -16.7454
Hunter-Lab	22.3484, 23.6006, -68.0858

Details

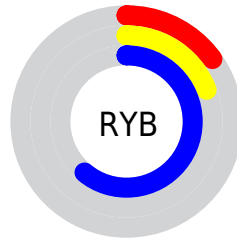
The Android color **4280758683** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4288385319**, and the grayscale version is **4282006074**.

A 20% lighter version of the original color is **4284899538**, and **4278192231** is the 20% darker color. If you saturate the color by 10%, you get **4279772059**, and if you desaturate by 10%, it is **4281810843**.

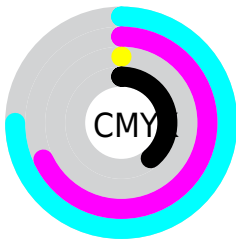
Distribution



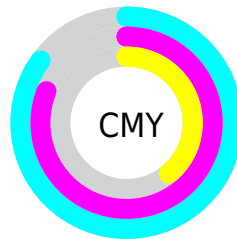
- Red (15%)
- Green (19%)
- Blue (61%)



- Red (15%)
- Yellow (19%)
- Blue (61%)



- Cyan (75%)
- Magenta (68%)
- Yellow (0%)
- Black (39%)



- Cyan (85%)
- Magenta (81%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280758683 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 4280758683 by changing the saturation by 10% instead.

 4280758683

 4280758683

4294967295

 4278197376

 4284899538

 4278192231

 4286806255

 4278190158

 4288713471

 4278191414

 4290620927

 4278190624

 4292593919

 4278190083


 4294567423

 4278190080

 4280758683

 4280758683

 4279772059

 4281810843

■ 4278719899

■ 4282797467

■ 4278193563

■ 4283849627

■ 4284836507

■ 4285888667

■ 4286875291

■ 4287861915

■ 4288914075

■ 4289966235

Harmonies

Analogous

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



4278208425



4280758683



4286120052

Triad

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



4280758683



4285866752



4278211133

Complementary

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



4280758683



4288385319

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.



4278210560



4280758683



4283383296

Square

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



4280758683



4287496208



4279519744



4278211442

Rectangle

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



4280758683



4287496275



4279519744



4278210859

Sweetspot

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



4280758683



4288520649



4280785807



4283125350



4293322470



4284900966

Same Dimension

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



4280758683



4279510217



4283770779



4282730061



4278193292



4278190349

Inverse Universe

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



4288358193



4291367972



4285373223



4283254086



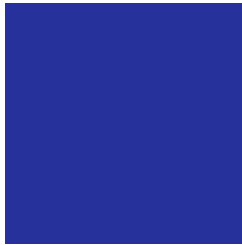
4287365132



4279042049

Previews

White Background



This preview shows how the Android color 4280758683 looks on a white background.

Color Contrast Check

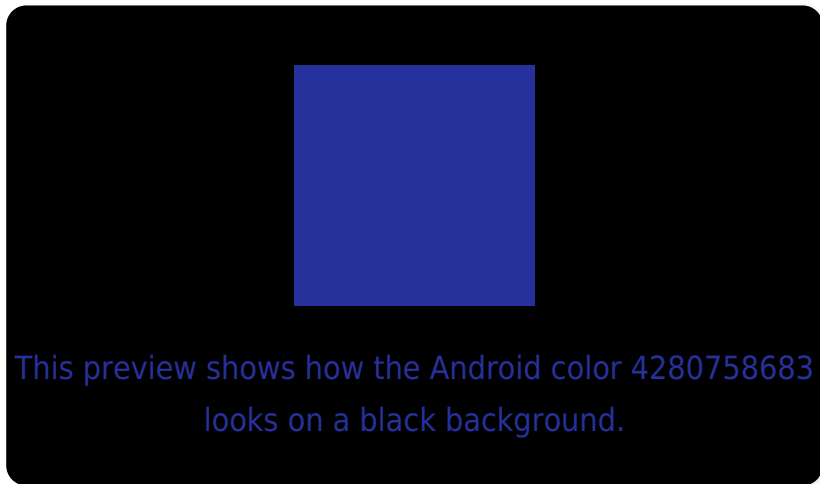
Large Text (above 18pt) WCAG AA ✓ Pass

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

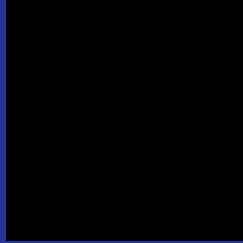
Any Text WCAG AA × Fail

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 4280758683 Background



This preview shows how black text looks on a background with the Android color 4280758683.



This preview shows how white text looks on a background with the Android color 4280758683.

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

4280758683

Protanopia

4278205825

Deuteranopia

4278206830

Trichromacy



Original Color
4280758683

Protanomaly
4279122314

Deuteranomaly
4279122814

Tritanomaly
4279123560

Monochromacy



Original Color
4280758683

Achromatopsia
4282006074

Achromatomaly
4281546589

CSS Examples

Text

The CSS property to change the color of the text to Android 4280758683 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(39, 49, 155)` looks like.

```
.text, #text, p{  
    color:rgb(39, 49, 155)  
}
```

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(39, 49, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 49, 155) }
```

Border

The CSS property to change the border of an element to Android 4280758683 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(39, 49, 155) }
```

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

```
.border{ border-color:rgb(39, 49, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 49, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 49, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 49, 155);  
box-shadow:4px 4px 4px 4px rgb(39, 49,  
155) }
```

Background

The CSS property to change the background color of an element to Android 4280758683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 49, 155) }
```

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

```
.background{ background-color: rgb(39, 49,  
155) }
```

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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