

Converting Colors

Android(4280627868)

Have a look what the booklet for
Android(4280627868) contains.

Android(4280627868)	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(4280627868)

Conversions

Conversions Part 1

Format	Color
Hex	25329C
RGB	37, 50, 156
RGB Percent	15%, 20%, 61%
CMY	0.8549, 0.8039, 0.3882
CMYK	0.76, 0.68, 0.00, 0.39
HSL	233°, 62%, 38%
HSV	233°, 76%, 61%
XYZ	7.9043, 5.0748, 32.0154
YIQ	58.1970, -41.7740, 30.2100

Conversions

Conversions Part 2

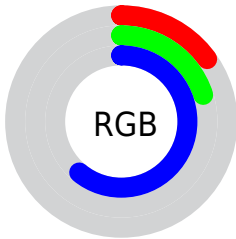
Format	Color
R_{YB}	37, 49, 156
Decimal	2437788
CIE _{Lab}	26.95, 33.13, -58.95
CIE _{LCh}	27, 67.619, 299.337
Yxy	5.0748, 0.1757, 0.1128
Android (android.graphics.Color)	4280627868 (0xFF25329C)
YUV	58.1970, 48.2169, -18.5898
Hunter-Lab	22.5274, 23.2084, -68.4926

Details

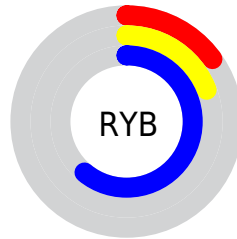
The Android color `4280627868` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4288450341`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4284834260`, and `4278192487` is the 20% darker color. If you saturate the color by 10%, you get `4279575708`, and if you desaturate by 10%, it is `4281680028`.

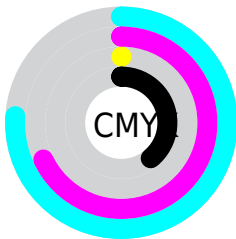
Distribution



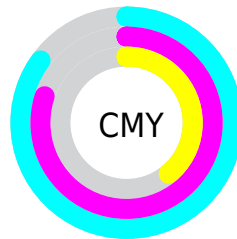
- Red (15%)
- Green (20%)
- Blue (61%)



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



- Cyan (76%)
- Magenta (68%)
- Yellow (0%)
- Black (39%)



- Cyan (85%)
- Magenta (80%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280627868 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 4280627868 by changing the saturation by 10% instead.

■ 4280627868

■ 4280627868

4294967295

■ 4278197633

■ 4284834260

■ 4278192487

■ 4286740976

■ 4278190159

■ 4288648191

■ 4278191415

■ 4290555647

■ 4278190624

■ 4292528639

■ 4278190085

■ 4294502143

■ 4278190080

■ 4280627868

■ 4280627868

■ 4279575708

■ 4281680028

■ 4278589084

■ 4282666652

■ 4278194588

■ 4283718812

■ 4284705436

■ 4285757340

■ 4286809500

■ 4287796124

■ 4288848284

■ 4289834908

Harmonies

Analogous

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



4278208682



4280627868



4286120054

Triad

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



4280627868



4285997824



4278211389

Complementary

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



4280627868



4288450341

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



4280627868



4283448832

Square

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



4280627868



4287561745



4279716352



4278211442

Rectangle

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



4280627868



4287496276



4279716352



4278211115

Sweetspot

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



4280627868



4288520908



4280654990



4282994022



4293322470



4284900966

Same Dimension

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



4280627868



4279248332



4283639196



4282861647



4278194319



4278190607

Inverse Universe

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



4288423218



4291563557



4285439013



4283385672



4287561744



4279173122

Previews

White Background



This preview shows how the Android color 4280627868 looks on a white background.

Color Contrast Check

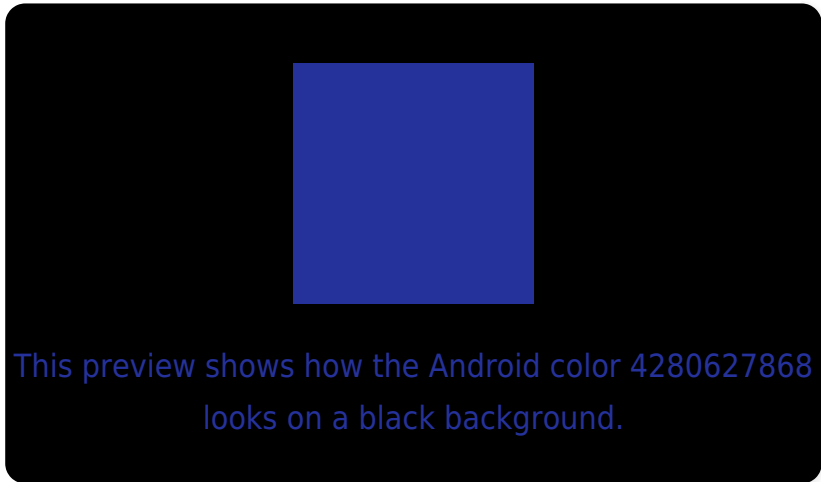
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280627868 Background



This preview shows how black text looks on a background with the Android color 4280627868.



This preview shows how white text looks on a background with the Android color 4280627868.

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

4280627868

Protanopia

4278205826

Deuteranopia

4278207087

Trichromacy



Original Color
4280627868

Protanomaly
4279056779

Deuteranomaly
4279057535

Tritanomaly
4279058280

Monochromacy



Original Color
4280627868

Achromatopsia
4282006074

Achromatomaly
4281481054

CSS Examples

Text

The CSS property to change the color of the text to Android 4280627868 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(37, 50, 156)` looks like.

```
.text, #text, p{  
    color:rgb(37, 50, 156)  
}
```

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(37, 50, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 50, 156) }
```

Border

The CSS property to change the border of an element to Android 4280627868 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(37, 50, 156) }
```

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

```
.border{ border-color:rgb(37, 50, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 50, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 50, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 50, 156);  
box-shadow:4px 4px 4px 4px rgb(37, 50,  
156) }
```

Background

The CSS property to change the background color of an element to Android 4280627868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 50, 156) }
```

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

```
.background{ background-color: rgb(37, 50,  
156) }
```

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