

Converting Colors

Android(4280837034)

Have a look what the booklet for
Android(4280837034) contains.

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Color

Android(4280837034)

Conversions

Conversions Part 1

Format	Color
Hex	2863AA
RGB	40, 99, 170
RGB Percent	16%, 39%, 67%
CMY	0.8431, 0.6118, 0.3333
CMYK	0.76, 0.42, 0.00, 0.33
HSL	213°, 62%, 41%
HSV	213°, 76%, 67%
XYZ	12.5926, 12.2771, 39.7362
YIQ	89.4530, -57.9550, 9.5730

Conversions

Conversions Part 2

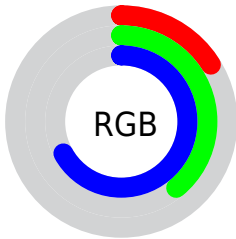
Format	Color
R_{YB}	40, 81, 170
Decimal	2646954
CIE _{Lab}	41.65, 6.39, -43.52
CIE _{LCh}	42, 43.989, 278.354
Yxy	12.2771, 0.1949, 0.1900
Android (android.graphics.Color)	4280837034 (0xFF2863AA)
YUV	89.4530, 39.7097, -43.3703
Hunter-Lab	35.0387, 2.8338, -42.7118

Details

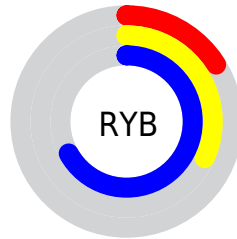
The Android color `4280837034` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289359656`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4285044194`, and `4278203765` is the 20% darker color. If you saturate the color by 10%, you get `4279720618`, and if you desaturate by 10%, it is `4281953450`.

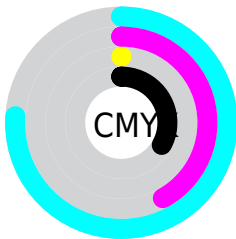
Distribution



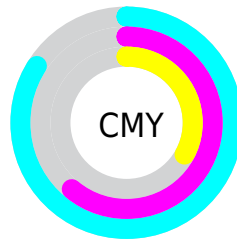
- Red (16%)
- Green (39%)
- Blue (67%)



- Red (16%)
- Yellow (32%)
- Blue (67%)



- Cyan (76%)
- Magenta (42%)
- Yellow (0%)
- Black (33%)



- Cyan (84%)
- Magenta (61%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280837034 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 4280837034 by changing the saturation by 10% instead.

 4280837034

 4280837034

4294967295

 4278209423

 4285044194

 4278203765

 4286951679

 4278198620

 4288859135

 4278192196

 4290766847

 4278190893

 4292673535

 4278190359


 4294639615

 4278190080

 4280837034

 4280837034

 4279720618

 4281953450

■ 4278603946

■ 4283070122

■ 4278209962

■ 4284186538

■ 4285302954

■ 4286419370

■ 4287536042

■ 4288652458

■ 4289768874

■ 4290885546

Harmonies

Analogous

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



4278218149



4280837034



4285617307

Triad

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



4280837034



4288628791



4278219334

Complementary

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



4280837034



4289359656

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.



4282740005



4280837034



4287256348

Square

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



4280837034



4288954458



4285293586



4278219884

Rectangle

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



4280837034



4287384201



4285293586



4280184890

Sweetspot

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



4280837034



4289446622



4280855149



4283522928



4293980400



4285558896

Same Dimension

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



4280837034



4279398110



4281084074



4283191380



4278207380



4278192404

Inverse Universe

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



4289341539



4292743790



4289112616



4283714640



4287889475



4279500809

Previews

White Background



This preview shows how the Android color 4280837034 looks on a white background.

Color Contrast Check

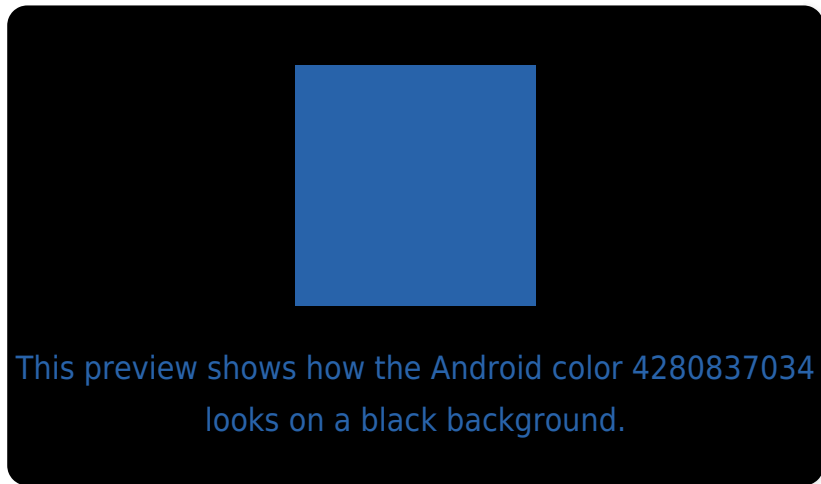
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4280837034 Background



This preview shows how black text looks on a background with the Android color 4280837034.



This preview shows how white text looks on a background with the Android color 4280837034.

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

4280837034

Protanopia

4282605479

Deuteranopia

4280837034

Trichromacy



Original Color
4280837034

Protanomaly
4281950376

Deuteranomaly
4280837034

Tritanomaly
4279200136

Monochromacy



Original Color
4280837034

Achromatopsia
4284045657

Achromatomaly
4282867062

CSS Examples

Text

The CSS property to change the color of the text to Android 4280837034 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, 99, 170)` looks like.

```
.text, #text, p{  
    color:rgb(40, 99, 170)  
}
```

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, 99, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 99, 170) }
```

Border

The CSS property to change the border of an element to Android 4280837034 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, 99, 170) }
```

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

```
.border{ border-color:rgb(40, 99, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 99, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 99, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 99, 170);  
box-shadow:4px 4px 4px 4px rgb(40, 99,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4280837034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 99, 170) }
```

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

```
.background{ background-color: rgb(40, 99,  
170) }
```

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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