

Converting Colors

Android(4280436653)

Have a look what the booklet for
Android(4280436653) contains.

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Color

Android(4280436653)

Conversions

Conversions Part 1

Format	Color
Hex	2247AD
RGB	34, 71, 173
RGB Percent	13%, 28%, 68%
CMY	0.8667, 0.7216, 0.3216
CMYK	0.80, 0.59, 0.00, 0.32
HSL	224°, 67%, 41%
HSV	224°, 80%, 68%
XYZ	10.4558, 7.8637, 40.5019
YIQ	71.5650, -54.7940, 23.8780

Conversions

Conversions Part 2

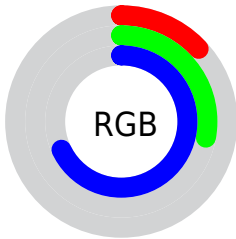
Format	Color
RYB	34, 63, 173
Decimal	2246573
CIELab	33.70, 25.36, -58.15
CIElCh	34, 63.441, 293.564
Yxy	7.8637, 0.1778, 0.1337
Android (android.graphics.Color)	4280436653 (0xFF2247AD)
YUV	71.5650, 50.0075, -32.9445
Hunter-Lab	28.0423, 17.4810, -66.0040

Details

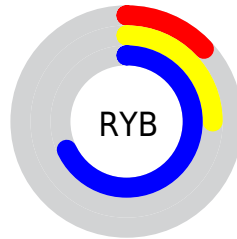
The Android color `4280436653` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289562658`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4284905445`, and `4278197624` is the 20% darker color. If you saturate the color by 10%, you get `4279319213`, and if you desaturate by 10%, it is `4281554093`.

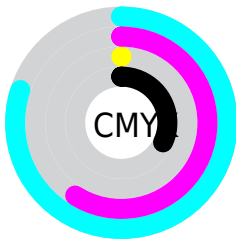
Distribution



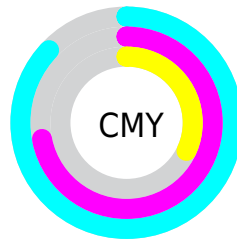
- Red (13%)
- Green (28%)
- Blue (68%)



- Red (13%)
- Yellow (25%)
- Blue (68%)



- Cyan (80%)
- Magenta (59%)
- Yellow (0%)
- Black (32%)



- Cyan (87%)
- Magenta (72%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280436653 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 4280436653 by changing the saturation by 10% instead.

 4280436653

 4280436653

4294967295

 4278202770

 4284905445

 4278197624

 4286877951

 4278191966

 4288785407

 4278192198

 4290758399

 4278191150

 4292731647

 4278190361


 4294705151

 4278190080

 4280436653

 4280436653

 4279319213

 4281554093

■ 4278202029

■ 4282736813

■ 4283854253

■ 4284971693

■ 4286088877

■ 4287271853

■ 4288389293

■ 4289506733

■ 4290689453

Harmonies

Analogous

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



4278213045



4280436653



4286523276

Triad

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



4280436653



4287508480



4278215490

Complementary

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



4280436653



4289562658

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.



4278214662



4280436653



4285221376

Square

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



4280436653



4288806955



4282144768



4278215798

Rectangle

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



4280436653



4288217709



4282144768



4278215217

Sweetspot

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



4280436653



4289444320



4280462728



4283455600



4293980400



4285558896

Same Dimension

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



4280436653



4278797024



4282524333



4283322455



4278200470



4278191639

Inverse Universe

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



4289536583



4292872514



4287474978



4283911760



4288020520



4279697414

Previews

White Background



This preview shows how the Android color 4280436653 looks on a white background.

Color Contrast Check

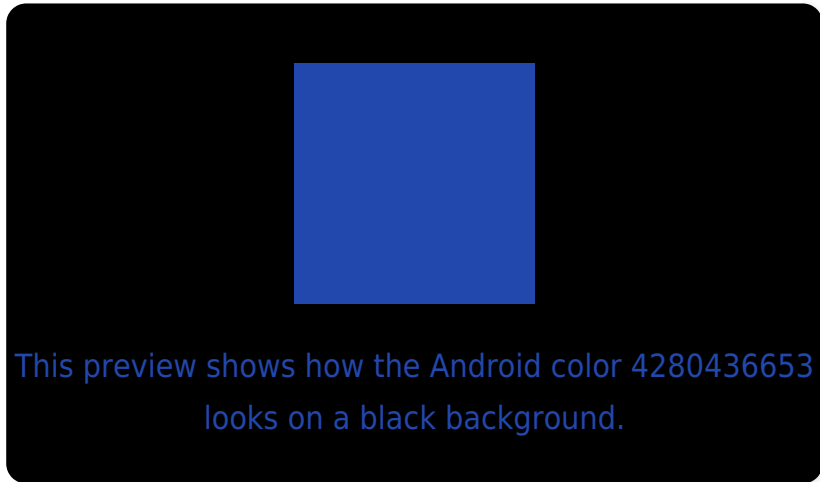
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280436653 Background



This preview shows how black text looks on a background with the Android color 4280436653.



This preview shows how white text looks on a background with the Android color 4280436653.

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

4280436653

Protanopia

4278209697

Deuteranopia

4278210955

Trichromacy



Original Color

4280436653

Protanomaly

4278995621

Deuteranomaly

4278996375

Tritanomaly

4278997626

Monochromacy



Original Color

4280436653

Achromatopsia

4282927176

Achromatomaly

4282009709

CSS Examples

Text

The CSS property to change the color of the text to Android 4280436653 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(34, 71, 173)` looks like.

```
.text, #text, p{  
    color:rgb(34, 71, 173)  
}
```

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(34, 71, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 71, 173) }
```

Border

The CSS property to change the border of an element to Android 4280436653 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(34, 71, 173) }
```

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

```
.border{ border-color:rgb(34, 71, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 71, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 71, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 71, 173);  
box-shadow:4px 4px 4px 4px rgb(34, 71,  
173) }
```

Background

The CSS property to change the background color of an element to Android 4280436653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 71, 173) }
```

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

```
.background{ background-color: rgb(34, 71,  
173) }
```

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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