

Converting Colors

Android(4280034956)

Have a look what the booklet for
Android(4280034956) contains.

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Color

Android(4280034956)

Conversions

Conversions Part 1

Format	Color
Hex	1C268C
RGB	28, 38, 140
RGB Percent	11%, 15%, 55%
CMY	0.8902, 0.8510, 0.4510
CMYK	0.80, 0.73, 0.00, 0.45
HSL	235°, 67%, 33%
HSV	235°, 80%, 55%
XYZ	5.9056, 3.5266, 25.1804
YIQ	46.6380, -38.7020, 29.6020

Conversions

Conversions Part 2

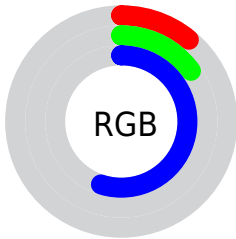
Format	Color
R_{YB}	28, 37, 140
Decimal	1844876
CIE _{Lab}	22.04, 34.07, -57.18
CIE _{LCh}	22, 66.557, 300.791
Yxy	3.5266, 0.1706, 0.1019
Android (android.graphics.Color)	4280034956 (0xFF1C268C)
YUV	46.6380, 46.0275, -16.3455
Hunter-Lab	18.7791, 23.2709, -66.3549

Details

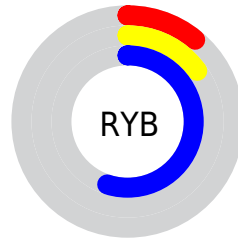
The Android color **4280034956** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4287398428**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4284306627**, and **4278190169** is the 20% darker color. If you saturate the color by 10%, you get **4279114124**, and if you desaturate by 10%, it is **4280955788**.

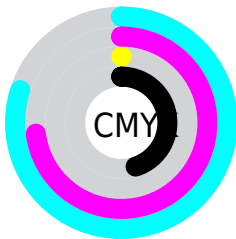
Distribution



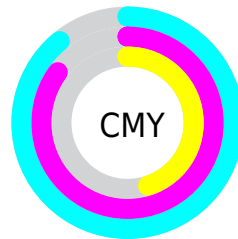
- Red (11%)
- Green (15%)
- Blue (55%)



- Red (11%)
- Yellow (15%)
- Blue (55%)



- Cyan (80%)
- Magenta (73%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (85%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280034956 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 4280034956 by changing the saturation by 10% instead.

■ 4280034956

■ 4280034956

4294967295

■ 4278194546

■ 4284306627

■ 4278190169

■ 4286213343

■ 4278191936

■ 4288054780

■ 4278190889

■ 4289962239

■ 4278190355

■ 4291869695

■ 4278190080

■ 4293842943

■ 4294964223

■ 4280034956

■ 4280034956

■ 4279114124

■ 4280955788

■ 4278193548

■ 4281876620

■ 4282797196

■ 4283718028

■ 4284638860

■ 4285559692

■ 4286480268

■ 4287401100

■ 4288321932

Harmonies

Analogous

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



4278205851



4280034956



4285333606

Triad

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



4280034956



4284881408



4278208053

Complementary

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



4280034956



4287398428

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.



4278207488



4280034956



4282463232

Square

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



4280034956



4286513153



4278206208



4278208359

Rectangle

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



4280034956



4286578758



4278206208



4278207779

Sweetspot

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



4280034956



4287270325



4280061057



4282467420



4292598747



4284243036

Same Dimension

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



4280034956



4278654901



4282981516



4282269509



4278193285



4278190085

Inverse Universe

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



4287372326



4290053911



4284451868



4282727999



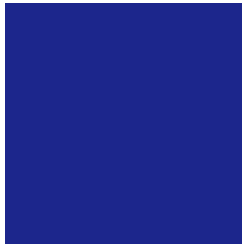
4286906380



4278517760

Previews

White Background



This preview shows how the Android color 4280034956 looks on a white background.

Color Contrast Check

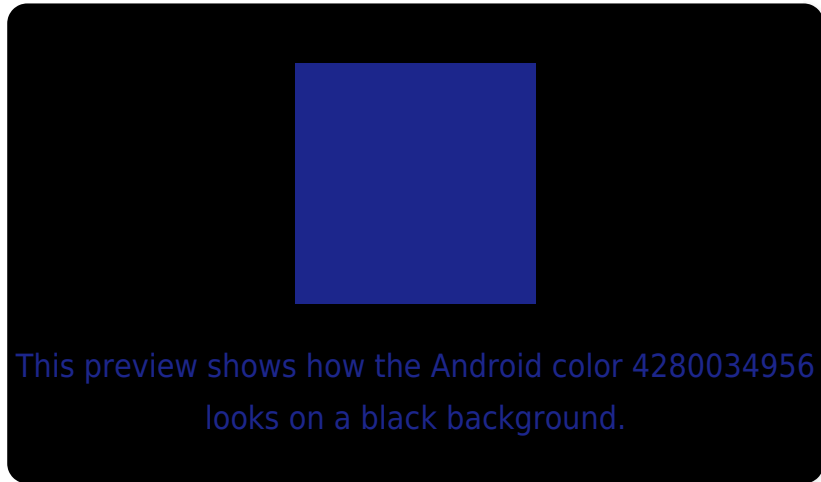
Large Text (above 18pt) WCAG AA ✓ Pass

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

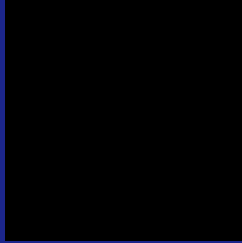
Any Text WCAG AA × Fail

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 4280034956 Background



This preview shows how black text looks on a background with the Android color 4280034956.



This preview shows how white text looks on a background with the Android color 4280034956.

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

4280034956

Protanopia

4278203244

Deuteranopia

4278204252

Trichromacy



Original Color

4280034956

Protanomaly

4278857336

Deuteranomaly

4278858093

Tritanomaly

4278858586

Monochromacy



Original Color

4280034956

Achromatopsia

4281282351

Achromatomaly

4280822865

CSS Examples

Text

The CSS property to change the color of the text to Android 4280034956 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(28, 38, 140)` looks like.

```
.text, #text, p{  
    color:rgb(28, 38, 140)  
}
```

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(28, 38, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 38, 140) }
```

Border

The CSS property to change the border of an element to Android 4280034956 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(28, 38, 140) }
```

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

```
.border{ border-color:rgb(28, 38, 140) }
```

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

Here you see how a box with a 4 pixel rgb(28, 38, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 38, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 38, 140);  
box-shadow:4px 4px 4px 4px rgb(28, 38,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4280034956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 38, 140) }
```

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

```
.background{ background-color: rgb(28, 38,  
140) }
```

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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