

Converting Colors

Android(4280435713)

Have a look what the booklet for
Android(4280435713) contains.

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Color

Android(4280435713)

Conversions

Conversions Part 1

Format	Color
Hex	224401
RGB	34, 68, 1
RGB Percent	13%, 27%, 0%
CMY	0.8667, 0.7333, 0.9961
CMYK	0.50, 0.00, 0.99, 0.73
HSL	90°, 97%, 14%
HSV	90°, 99%, 27%
XYZ	2.7323, 4.4765, 0.7488
YIQ	50.1960, 1.2430, -28.0450

Conversions

Conversions Part 2

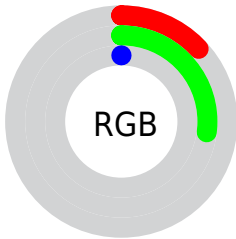
Format	Color
R _Y B	1, 68, 35
Decimal	2245633
CIE Lab	25.19, -24.37, 32.72
CIE LCh	25, 40.795, 126.678
Yxy	4.4765, 0.3434, 0.5625
Android (android.graphics.Color)	4280435713 (0xFF224401)
YUV	50.1960, -24.2536, -14.2039
Hunter-Lab	21.1578, -13.9749, 12.7122

Details

The Android color **4280435713** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4280484164**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4283659570**, and **4278196992** is the 20% darker color. If you saturate the color by 10%, you get **4280370176**, and if you desaturate by 10%, it is **4280632328**.

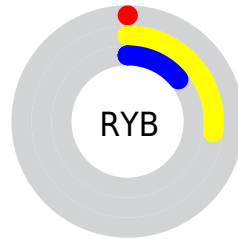
Distribution



Red (13%)

Green (27%)

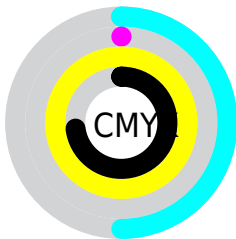
Blue (0%)



Red (0%)

Yellow (27%)

Blue (14%)

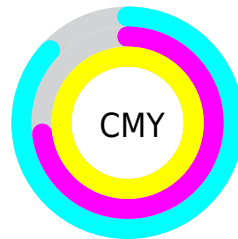


Cyan (50%)

Magenta (0%)

Yellow (99%)

Black (73%)



Cyan (87%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280435713 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 4280435713 by changing the saturation by 10% instead.

 4280435713

 4280435713

 4294967273

 4278856960

 4283659570

 4278196992

 4285304393

 4278190080

 4287015266

 4288791675

 4290633878

 4292476337

 4294377420

 4280435713

 4280435713

■ 4280370176

■ 4280632328

■ 4280894479

■ 4281091093

■ 4281353244

■ 4281549859

■ 4281812010

■ 4282008625

■ 4282270775

■ 4282467390

Harmonies

Analogous

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



4282662144



4280435713



4278208546

Triad

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



4280435713



4278207861



4285667382

Complementary

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



4280435713



4280484164

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.



4284817493



4280435713



4278205818

Square

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



4280435713



4278208864



4282658926



4285342232

Rectangle

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



4280435713



4278208823



4282658926



4285536577

Sweetspot

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



4280435713



4283193662



4282655489



4280692253



4289572269



4281216558

Same Dimension

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



4280435713



4281096448



4278273025



4280230174



4281360640



4285521920

Inverse Universe

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



4280484164



4281139289



4282646852



4280294945



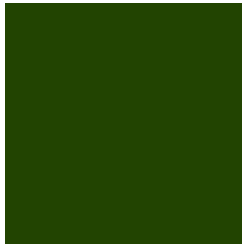
4281401441



4285661408

Previews

White Background



This preview shows how the Android color 4280435713 looks on a white background.

Color Contrast Check

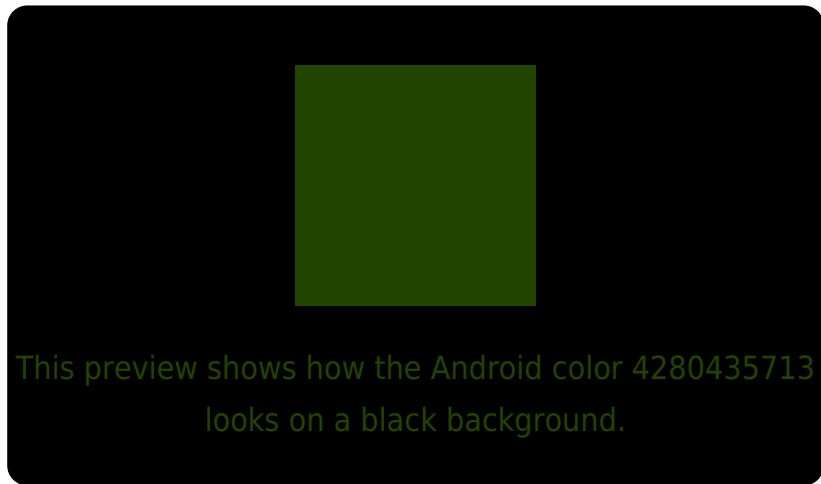
Large Text (above 18pt) WCAG AA ✓ Pass

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

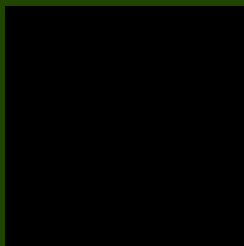
Any Text WCAG AA × Fail

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 4280435713 Background



This preview shows how black text looks on a background with the Android color 4280435713.



This preview shows how white text looks on a background with the Android color 4280435713.

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
4280435713

Protanopia
4282661888

Deuteranopia
4283119886

Trichromacy



Original Color
4280435713

Protanomaly
4281876224

Deuteranomaly
4282137865

Tritanomaly
4280828204

Monochromacy



Original Color
4280435713

Achromatopsia
4281479730

Achromatomaly
4281088288

CSS Examples

Text

The CSS property to change the color of the text to Android 4280435713 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, 68, 1)` looks like.

```
.text, #text, p{  
    color:rgb(34, 68, 1)  
}
```

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, 68, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 68, 1) }
```

Border

The CSS property to change the border of an element to Android 4280435713 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, 68, 1) }
```

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

```
.border{ border-color:rgb(34, 68, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 68, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 68, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 68, 1); box-shadow:4px  
4px 4px 4px rgb(34, 68, 1) }
```

Background

The CSS property to change the background color of an element to Android 4280435713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 68, 1) }
```

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

```
.background{ background-color: rgb(34, 68,  
1) }
```

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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