

Converting Colors

Android(4282600648)

Have a look what the booklet for
Android(4282600648) contains.

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Color

Android(4282600648)

Conversions

Conversions Part 1

Format	Color
Hex	434CC8
RGB	67, 76, 200
RGB Percent	26%, 30%, 78%
CMY	0.7373, 0.7020, 0.2157
CMYK	0.67, 0.62, 0.00, 0.22
HSL	236°, 55%, 52%
HSV	236°, 66%, 78%
XYZ	15.3245, 10.5323, 55.8688
YIQ	87.4450, -45.1680, 36.6560

Conversions

Conversions Part 2

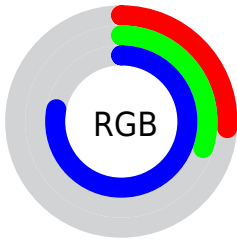
Format	Color
R_{YB}	67, 75, 200
Decimal	4410568
CIE _{Lab}	38.78, 36.01, -65.66
CIE _{LCh}	39, 74.890, 298.740
Yxy	10.5323, 0.1875, 0.1289
Android (android.graphics.Color)	4282600648 (0xFF434CC8)
YUV	87.4450, 55.4896, -17.9303
Hunter-Lab	32.4535, 27.4938, -79.3505

Details

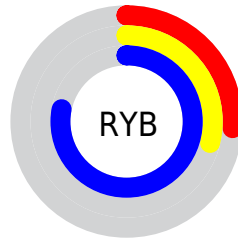
The Android color `4282600648` is a dark color, and the websafe version is hex `333399`. The color can be described as dark muted blue. A complement of this color would be `4291346243`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4286742015`, and `4278198417` is the 20% darker color. If you saturate the color by 10%, you get `4281285064`, and if you desaturate by 10%, it is `4283916232`.

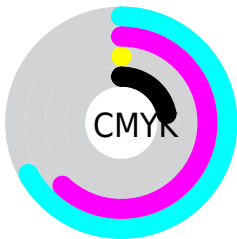
Distribution



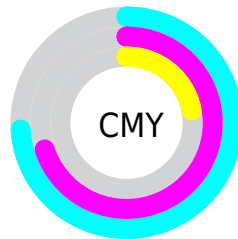
- Red (26%)
- Green (30%)
- Blue (78%)



- Red (26%)
- Yellow (29%)
- Blue (78%)



- Cyan (67%)
- Magenta (62%)
- Yellow (0%)
- Black (22%)



- Cyan (74%)
- Magenta (70%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282600648 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 4282600648 by changing the saturation by 10% instead.

 4282600648

 4282600648

4294967295

 4279842220

 4286742015

 4278198417

 4288649215

 4278193526

 4290622207

 4278190173

 4292595199

 4278192196

 4294634239

 4278190893

 4278190359

 4278190080

 4282600648

 4282600648

■ 4281285064

■ 4283916232

■ 4279969736

■ 4285231560

■ 4278654152

■ 4286547144

■ 4278193864

■ 4287862728

■ 4289178056

■ 4290493640

■ 4291809224

■ 4293124552

■ 4294440136

Harmonies

Analogous

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



4278216151



4282600648



4288552092

Triad

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



4282600648



4288690944



4278219607

Complementary

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



4282600648



4291346243

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.



4278218768



4282600648



4285683712

Square

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



4282600648



4290510885



4281690112



4278219925

Rectangle

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



4282600648



4290248821



4281690112



4278219329

Sweetspot

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



4282600648



4291612671



4282632381



4284572544



4278190080



4286611584

Same Dimension

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



4282600648



4281549311



4286202824



4284111459



4278193059



4278190628

Inverse Universe

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



4291314508



4294914881



4287744067



4284701274



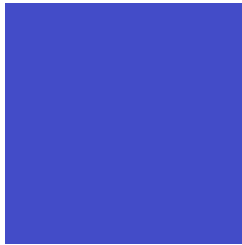
4288872459



4280549378

Previews

White Background



This preview shows how the Android color 4282600648 looks on a white background.

Color Contrast Check

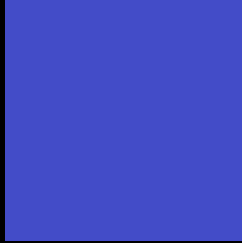
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4282600648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

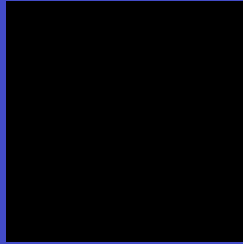
Any Text WCAG AA × Fail

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 4282600648 Background



This preview shows how black text looks on a background with the Android color 4282600648.



This preview shows how white text looks on a background with the Android color 4282600648.

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

4282600648

Protanopia

4278212794

Deuteranopia

4278214048

Trichromacy



Original Color
4282600648

Protanomaly
4279784639

Deuteranomaly
4279785391

Tritanomaly
4279786638

Monochromacy



Original Color
4282600648

Achromatopsia
4283914071

Achromatomaly
4283454336

CSS Examples

Text

The CSS property to change the color of the text to Android 4282600648 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(67, 76, 200)` looks like.

```
.text, #text, p{  
    color:rgb(67, 76, 200)  
}
```

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(67, 76, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 76, 200) }
```

Border

The CSS property to change the border of an element to Android 4282600648 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(67, 76, 200) }
```

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

```
.border{ border-color:rgb(67, 76, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 76, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 76, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 76, 200);  
box-shadow:4px 4px 4px 4px rgb(67, 76,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4282600648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 76, 200) }
```

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

```
.background{ background-color: rgb(67, 76,  
200) }
```

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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