

Converting Colors

Android(4280104600)

Have a look what the booklet for
Android(4280104600) contains.

Android(4280104600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280104600)

Conversions

Conversions Part 1

Format	Color
Hex	1D3698
RGB	29, 54, 152
RGB Percent	11%, 21%, 60%
CMY	0.8863, 0.7882, 0.4039
CMYK	0.81, 0.64, 0.00, 0.40
HSL	228°, 68%, 35%
HSV	228°, 81%, 60%
XYZ	7.4934, 5.1665, 30.3081
YIQ	57.6970, -46.3580, 25.1780

Conversions

Conversions Part 2

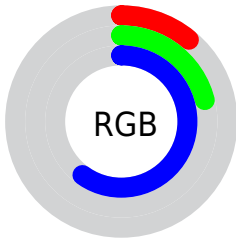
Format	Color
R_{YB}	29, 50, 152
Decimal	1914520
CIE _{Lab}	27.20, 28.17, -56.10
CIE _{LCh}	27, 62.772, 296.666
Yxy	5.1665, 0.1744, 0.1202
Android (android.graphics.Color)	4280104600 (0xFF1D3698)
YUV	57.6970, 46.4914, -25.1673
Hunter-Lab	22.7300, 19.0681, -63.1458

Details

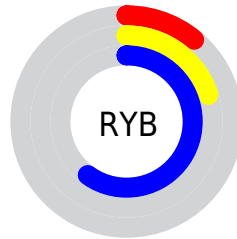
The Android color `4280104600` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288184093`, and the grayscale version is `4281940281`.

A 20% lighter version of the original color is `4284441807`, and `4278193764` is the 20% darker color. If you saturate the color by 10%, you get `4279118488`, and if you desaturate by 10%, it is `4281090712`.

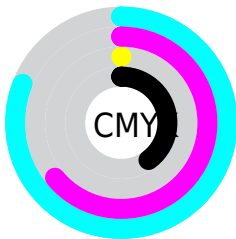
Distribution



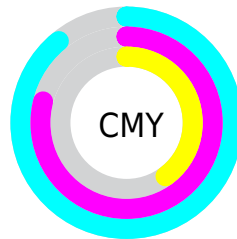
- Red (11%)
- Green (21%)
- Blue (60%)



- Red (11%)
- Yellow (20%)
- Blue (60%)



- Cyan (81%)
- Magenta (64%)
- Yellow (0%)
- Black (40%)



- Cyan (89%)
- Magenta (79%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280104600 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 4280104600 by changing the saturation by 10% instead.

■ 4280104600

■ 4280104600

4294967295

■ 4278198653

■ 4284441807

■ 4278193764

■ 4286348780

■ 4278190155

■ 4288255999

■ 4278191155

■ 4290163455

■ 4278190621

■ 4292136447

■ 4278190080

■ 4294044415

■ 4280104600

■ 4280104600

■ 4279118488

■ 4281090712

■ 4278198168

■ 4282076824

■ 4283128472

■ 4284114584

■ 4285100952

■ 4286087064

■ 4287073176

■ 4288124824

■ 4289110936

Harmonies

Analogous

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



4278208930



4280104600



4285664630

Triad

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



4280104600



4285998080



4278211129

Complementary

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



4280104600



4288184093

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.



4278210560



4280104600



4283710720

Square

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



4280104600



4287430681



4280568320



4278211435

Rectangle

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



4280104600



4287103064



4280568320



4278211112

Sweetspot

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



4280104600



4287995844



4280129661



4282862691



4293125091



4284703587

Same Dimension

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



4280104600



4278595012



4282391960



4282730061



4278197644



4278190861

Inverse Universe

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



4288159030



4291036717



4285896733



4283254086



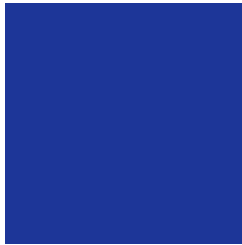
4287365149



4279042051

Previews

White Background



This preview shows how the Android color 4280104600 looks on a white background.

Color Contrast Check

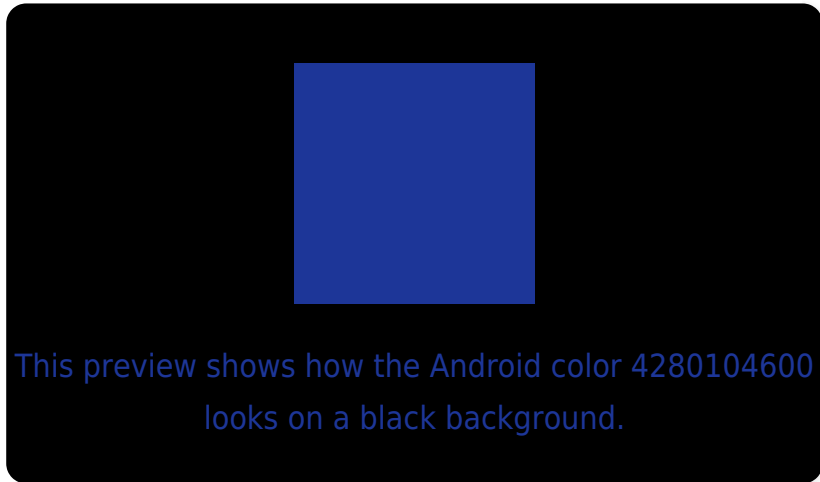
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280104600 Background



This preview shows how black text looks on a background with the Android color 4280104600.



This preview shows how white text looks on a background with the Android color 4280104600.

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
4280104600

Protanopia
4278206083

Deuteranopia
4278207088

Trichromacy



Original Color
4280104600

Protanomaly
4278926219

Deuteranomaly
4278926975

Tritanomaly
4278927720

Monochromacy



Original Color
4280104600

Achromatopsia
4282006074

Achromatomaly
4281284956

CSS Examples

Text

The CSS property to change the color of the text to Android 4280104600 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(29, 54, 152)` looks like.

```
.text, #text, p{  
    color:rgb(29, 54, 152)  
}
```

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(29, 54, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 54, 152) }
```

Border

The CSS property to change the border of an element to Android 4280104600 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(29, 54, 152) }
```

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

```
.border{ border-color:rgb(29, 54, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 54, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 54, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 54, 152);  
box-shadow:4px 4px 4px 4px rgb(29, 54,  
152) }
```

Background

The CSS property to change the background color of an element to Android 4280104600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 54, 152) }
```

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

```
.background{ background-color: rgb(29, 54,  
152) }
```

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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