

Converting Colors

Android(4280618968)

Have a look what the booklet for
Android(4280618968) contains.

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Color

Android(4280618968)

Conversions

Conversions Part 1

Format	Color
Hex	250FD8
RGB	37, 15, 216
RGB Percent	15%, 6%, 85%
CMY	0.8549, 0.9412, 0.1529
CMYK	0.83, 0.93, 0.00, 0.15
HSL	247°, 87%, 45%
HSV	247°, 93%, 85%
XYZ	13.3284, 5.6928, 65.3621
YIQ	44.4920, -51.4090, 67.1750

Conversions

Conversions Part 2

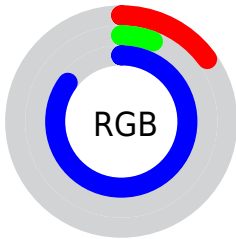
Format	Color
R _Y B	37, 15, 216
Decimal	2428888
CIE Lab	28.62, 67.42, -91.78
CIE LCh	29, 113.880, 306.302
Yxy	5.6928, 0.1580, 0.0675
Android (android.graphics.Color)	4280618968 (0xFF250FD8)
YUV	44.4920, 84.5534, -6.5705
Hunter-Lab	23.8597, 57.9590, -145.7196

Details

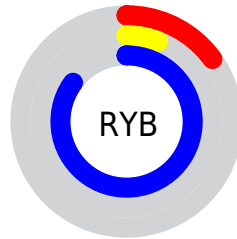
The Android color **4280618968** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **4290959375**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4286007807**, and **4278190239** is the 20% darker color. If you saturate the color by 10%, you get **4279763160**, and if you desaturate by 10%, it is **4281869784**.

Distribution



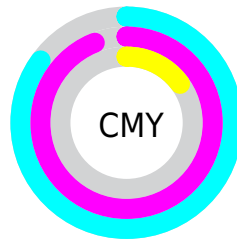
- Red (15%)
- Green (6%)
- Blue (85%)



- Red (15%)
- Yellow (6%)
- Blue (85%)



- Cyan (83%)
- Magenta (93%)
- Yellow (0%)
- Black (15%)





















- Cyan (85%)
- Magenta (94%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280618968 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 4280618968 by changing the saturation by 10% instead.

 4280618968	 4280618968
4294967295	 4278190267
 4286007807	 4278190239
 4288177151	 4278190212
 4290281215	 4278191210
 4292385279	 4278192720
 4294489599	 4278191416
 4294955775	 4278190626
 4294963199	 4278190088
	 4278190080

■ 4280618968

■ 4280618968

■ 4279763160

■ 4281869784

■ 4283120344

■ 4284436696

■ 4285687256

■ 4286938072

■ 4288188888

■ 4289504984

■ 4290755800

■ 4292006360

Harmonies

Analogous

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



4278211069



4280618968



4289659021

Triad

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



4280618968



4287108352



4278213973

Complementary

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



4280618968



4290959375

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.



4278213120



4280618968



4282599424

Square

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



4280618968



4290248704



4278212096



4278214830

Rectangle

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



4280618968



4291297363



4278212096



4278213686

Sweetspot

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



4280618968



4290754815



4279223512



4284044416



4278190080



4286611584

Same Dimension

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



4280618968



4280025343



4287107032



4284637291



4279435435



4278517803

Inverse Universe

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



4292349890



4294901987



4284471311



4285227114



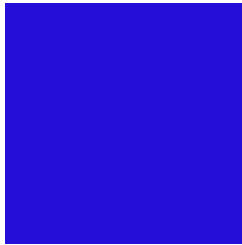
4289396888



4281008167

Previews

White Background



This preview shows how the Android color 4280618968 looks on a white background.

Color Contrast Check

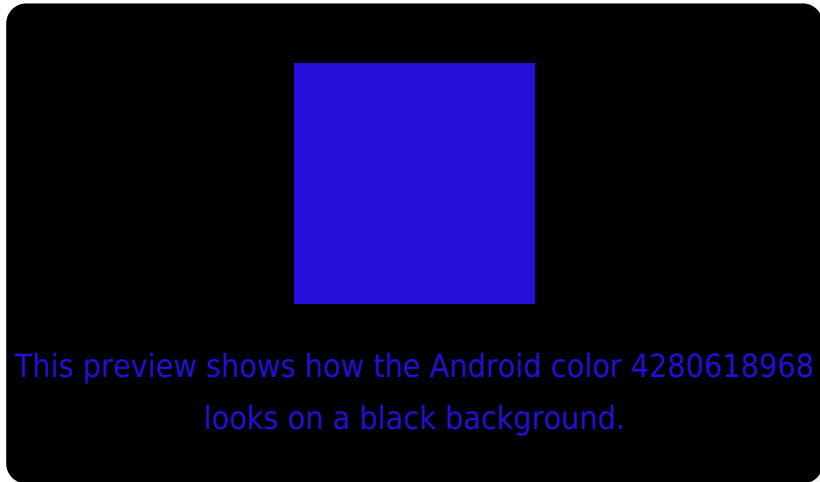
Large Text (above 18pt) WCAG AA ✓ Pass

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

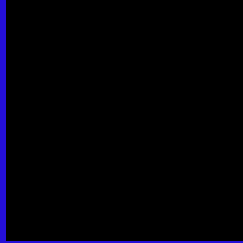
Any Text WCAG AA × Fail

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 4280618968 Background



This preview shows how black text looks on a background with the Android color 4280618968.



This preview shows how white text looks on a background with the Android color 4280618968.

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

4280618968

Protanopia

4278207114

Deuteranopia

4278208117

Trichromacy



Original Color

4280618968

Protanomaly

4279054246

Deuteranomaly

4279055001

Tritanomaly

4279056001

Monochromacy



Original Color

4280618968

Achromatopsia

4281084972

Achromatomaly

4280885611

CSS Examples

Text

The CSS property to change the color of the text to Android 4280618968 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(37, 15, 216)` looks like.

```
.text, #text, p{  
    color:rgb(37, 15, 216)  
}
```

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(37, 15, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 15, 216) }
```

Border

The CSS property to change the border of an element to Android 4280618968 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(37, 15, 216) }
```

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

```
.border{ border-color:rgb(37, 15, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 15, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 15, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 15, 216);  
box-shadow:4px 4px 4px 4px rgb(37, 15,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4280618968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 15, 216) }
```

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

```
.background{ background-color: rgb(37, 15,  
216) }
```

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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