

Converting Colors

Android(4280164018)

Have a look what the booklet for
Android(4280164018) contains.

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Color

Android(4280164018)

Conversions

Conversions Part 1

Format	Color
Hex	1E1EB2
RGB	30, 30, 178
RGB Percent	12%, 12%, 70%
CMY	0.8824, 0.8824, 0.3020
CMYK	0.83, 0.83, 0.00, 0.30
HSL	240°, 71%, 41%
HSV	240°, 83%, 70%
XYZ	9.0356, 4.4189, 42.4962
YIQ	46.8720, -47.5080, 46.0280

Conversions

Conversions Part 2

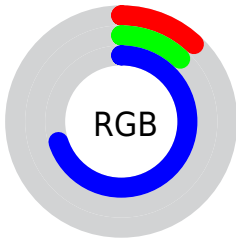
Format	Color
R_{YB}	30, 30, 178
Decimal	1973938
CIE _{Lab}	25.01, 51.43, -75.45
CIE _{LCh}	25, 91.310, 304.278
Yxy	4.4189, 0.1615, 0.0790
Android (android.graphics.Color)	4280164018 (0xFF1E1EB2)
YUV	46.8720, 64.6461, -14.7967
Hunter-Lab	21.0212, 39.9377, -105.1449

Details

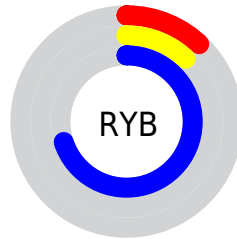
The Android color **4280164018** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **4289901086**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4285091819**, and **4278190204** is the 20% darker color. If you saturate the color by 10%, you get **4278979762**, and if you desaturate by 10%, it is **4281348274**.

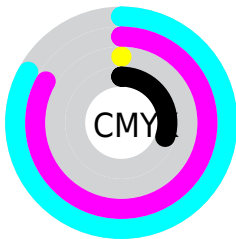
Distribution



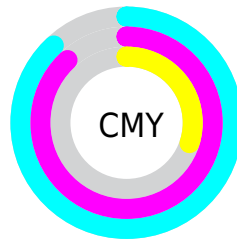
- Red (12%)
- Green (12%)
- Blue (70%)



- Red (12%)
- Yellow (12%)
- Blue (70%)



- Cyan (83%)
- Magenta (83%)
- Yellow (0%)
- Black (30%)



- Cyan (88%)
- Magenta (88%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280164018 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 4280164018 by changing the saturation by 10% instead.

 4280164018

 4280164018

4294967295

 4278191254

 4285091819

 4278190204

 4287129855

 4278190178

 4289168127

 4278192457

 4291140863

 4278191153

 4293179391

 4278190363

 4294956287

 4278190080

 4294963455

 4280164018

 4280164018

■ 4278979762

■ 4281348274

■ 4278190258

■ 4282532530

■ 4283650994

■ 4284835250

■ 4286019506

■ 4287203762

■ 4288388018

■ 4289506482

■ 4290690738

Harmonies

Analogous

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



4278208204



4280164018



4287496313

Triad

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



4280164018



4285928960



4278210884

Complementary

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



4280164018



4289901086

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.



4278210048



4280164018



4282465536

Square

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



4280164018



4288348160



4278209024



4278211466

Rectangle

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



4280164018



4288938060



4278209024



4278210604

Sweetspot

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



4280164018



4289638120



4280201906



4283585141



4294309365



4285887861

Same Dimension

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



4280164018



4278190312



4285013682



4283453529



4278190233



4278190106

Inverse Universe

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



4289863346



4293394664



4285051422



4284043353



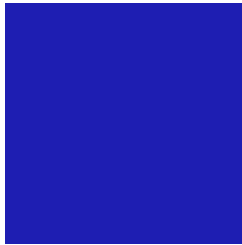
4288217241



4279894042

Previews

White Background



This preview shows how the Android color 4280164018 looks on a white background.

Color Contrast Check

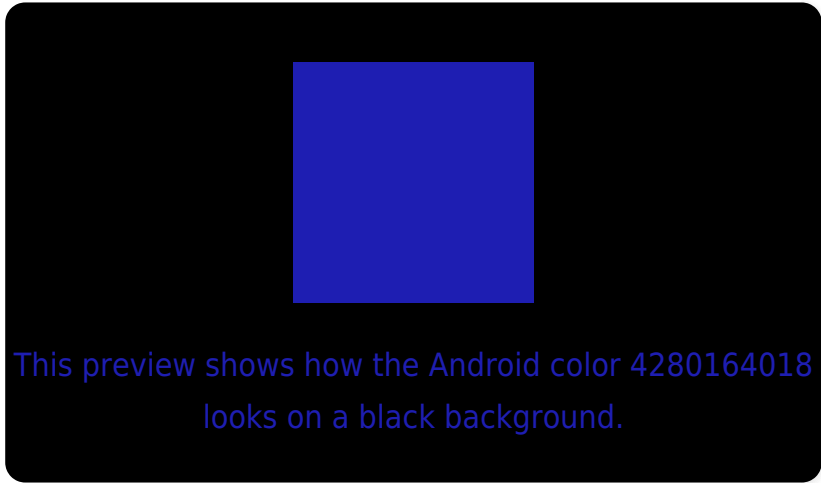
Large Text (above 18pt) WCAG AA ✓ Pass

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

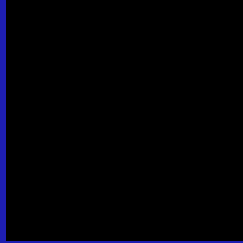
Any Text WCAG AA × Fail

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 4280164018 Background



This preview shows how black text looks on a background with the Android color 4280164018.



This preview shows how white text looks on a background with the Android color 4280164018.

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

4280164018

Protanopia

4278205049

Deuteranopia

4278206055

Trichromacy



Original Color
4280164018

Protanomaly
4278923406

Deuteranomaly
4278923906

Tritanomaly
4278924653

Monochromacy



Original Color
4280164018

Achromatopsia
4281282351

Achromatomaly
4280887647

CSS Examples

Text

The CSS property to change the color of the text to Android 4280164018 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(30, 30, 178)` looks like.

```
.text, #text, p{  
    color:rgb(30, 30, 178)  
}
```

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(30, 30, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 30, 178) }
```

Border

The CSS property to change the border of an element to Android 4280164018 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(30, 30, 178) }
```

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

```
.border{ border-color:rgb(30, 30, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 30, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 30, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 30, 178);  
box-shadow:4px 4px 4px 4px rgb(30, 30,  
178) }
```

Background

The CSS property to change the background color of an element to Android 4280164018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 30, 178) }
```

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

```
.background{ background-color: rgb(30, 30,  
178) }
```

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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