

Converting Colors

Android(4280164000)

Have a look what the booklet for
Android(4280164000) contains.

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Color

Android(4280164000)

Conversions

Conversions Part 1

Format	Color
Hex	1E1EA0
RGB	30, 30, 160
RGB Percent	12%, 12%, 63%
CMY	0.8824, 0.8824, 0.3725
CMYK	0.81, 0.81, 0.00, 0.37
HSL	240°, 68%, 37%
HSV	240°, 81%, 63%
XYZ	7.3449, 3.7426, 33.5930
YIQ	44.8200, -41.7300, 40.4300

Conversions

Conversions Part 2

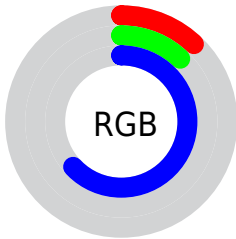
Format	Color
R_{YB}	30, 30, 160
Decimal	1973920
CIE _{Lab}	22.80, 45.72, -68.24
CIE _{LCh}	23, 82.144, 303.821
Yxy	3.7426, 0.1644, 0.0838
Android (android.graphics.Color)	4280164000 (0xFF1E1EA0)
YUV	44.8200, 56.7837, -12.9971
Hunter-Lab	19.3459, 33.9140, -89.4115

Details

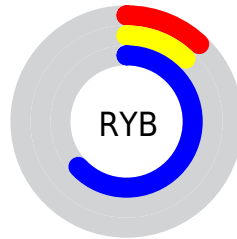
The Android color **4280164000** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4288716830**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4284763608**, and **4278190187** is the 20% darker color. If you saturate the color by 10%, you get **4279111328**, and if you desaturate by 10%, it is **4281216672**.

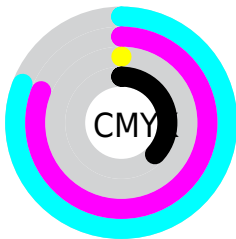
Distribution



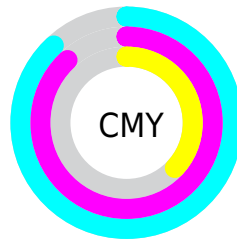
- Red (12%)
- Green (12%)
- Blue (63%)



- Red (12%)
- Yellow (12%)
- Blue (63%)



- Cyan (81%)
- Magenta (81%)
- Yellow (0%)
- Black (37%)



- Cyan (88%)
- Magenta (88%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280164000 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 4280164000 by changing the saturation by 10% instead.

 4280164000

 4280164000

4294967295

 4278191749

 4284763608

 4278190187

 4286736117

 4278190162

 4288708863

 4278191418

 4290681599

 4278190627

 4292654591

 4278190090

 4294627839

 4278190080

 4294962943

 4280164000

 4280164000

■ 4279111328

■ 4281216672

■ 4278190240

■ 4282269344

■ 4283322016

■ 4284374688

■ 4285427360

■ 4286480032

■ 4287532704

■ 4288585376

■ 4289638048

Harmonies

Analogous

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



4278206646



4280164000



4286513262

Triad

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



4280164000



4285273600



4278209085

Complementary

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



4280164000



4288716830

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.



4278208512



4280164000



4282202112

Square

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



4280164000



4287365120



4278207488



4278209403

Rectangle

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



4280164000



4287823942



4278207488



4278208807

Sweetspot

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



4280164000



4288651217



4280197280



4283058793



4293454056



4285098345

Same Dimension

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



4280164000



4278453457



4284423840



4282861391



4278190223



4278190095

Inverse Universe

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



4288683680



4291888337



4284456990



4283385679



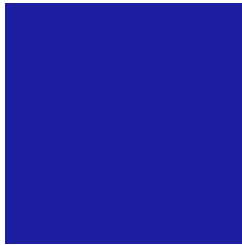
4287561871



4279173135

Previews

White Background



This preview shows how the Android color 4280164000 looks on a white background.

Color Contrast Check

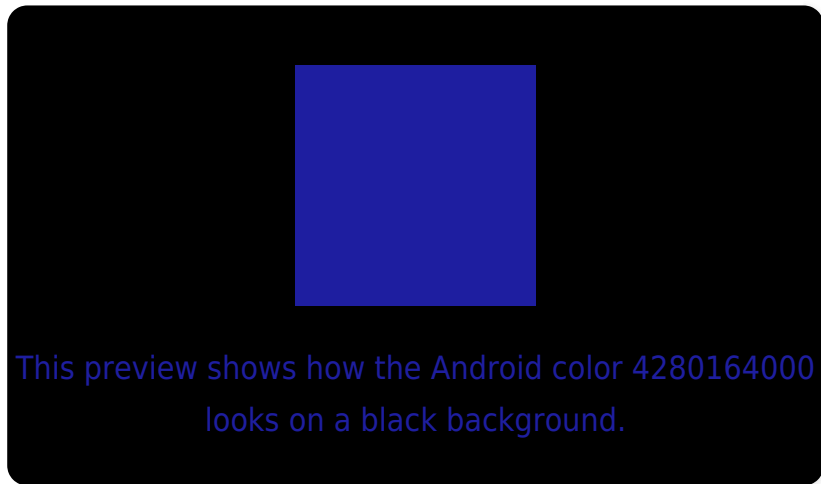
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280164000 Background



This preview shows how black text looks on a background with the Android color 4280164000.



This preview shows how white text looks on a background with the Android color 4280164000.

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

4280164000

Protanopia

4278203760

Deuteranopia

4278204767

Trichromacy



Original Color
4280164000

Protanomaly
4278922625

Deuteranomaly
4278923127

Tritanomaly
4278923875

Monochromacy



Original Color
4280164000

Achromatopsia
4281150765

Achromatomaly
4280821847

CSS Examples

Text

The CSS property to change the color of the text to Android 4280164000 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(30, 30, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 30, 160) }
```

Border

The CSS property to change the border of an element to Android 4280164000 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, 160) }
```

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

```
.border{ border-color:rgb(30, 30, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 30, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 30, 160);  
box-shadow:4px 4px 4px 4px rgb(30, 30,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4280164000 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, 160) }
```

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

```
.background{ background-color: rgb(30, 30,  
160) }
```

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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