

Converting Colors

Android(4282130048)

Have a look what the booklet for
Android(4282130048) contains.

Android(4282130048)	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(4282130048)

Conversions

Conversions Part 1

Format	Color
Hex	3C1E80
RGB	60, 30, 128
RGB Percent	24%, 12%, 50%
CMY	0.7647, 0.8824, 0.4980
CMYK	0.53, 0.77, 0.00, 0.50
HSL	258°, 62%, 31%
HSV	258°, 77%, 50%
XYZ	6.2240, 3.4477, 20.7595
YIQ	50.1420, -13.5780, 36.8380

Conversions

Conversions Part 2

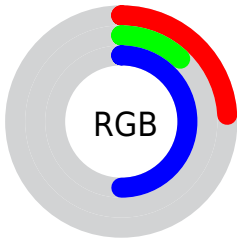
Format	Color
RYB	60, 30, 128
Decimal	3939968
CIELab	21.75, 38.80, -50.02
CIElCh	22, 63.301, 307.801
Yxy	3.4477, 0.2045, 0.1133
Android (android.graphics.Color)	4282130048 (0xFF3C1E80)
YUV	50.1420, 38.3840, 8.6455
Hunter-Lab	18.5680, 27.3394, -53.2900

Details

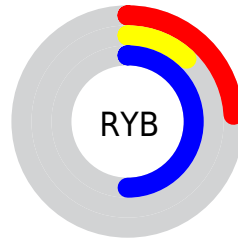
The Android color **4282130048** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4284645406**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4285746614**, and **4278190158** is the 20% darker color. If you saturate the color by 10%, you get **4281536896**, and if you desaturate by 10%, it is **4282723200**.

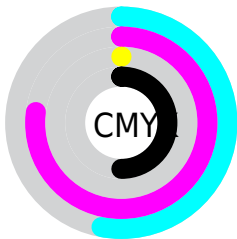
Distribution



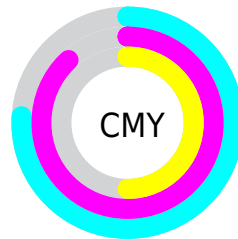
- Red (24%)
- Green (12%)
- Blue (50%)



- Red (24%)
- Yellow (12%)
- Blue (50%)



- Cyan (53%)
- Magenta (77%)
- Yellow (0%)
- Black (50%)



- Cyan (76%)
- Magenta (88%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282130048 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 4282130048 by changing the saturation by 10% instead.



4282130048



4282130048

4294967295



4280157798



4285746614



4278190158



4287522514



4278190646



4289364206



4278190624



4291271423



4278190083



4293178879



4278190080



4294955519



4294962943



4282130048



4282130048

■ 4281536896

■ 4282723200

■ 4280943744

■ 4283316352

■ 4280746112

■ 4283909248

■ 4284502400

■ 4285030016

■ 4285623168

■ 4286216320

■ 4286809216

■ 4287402368

Harmonies

Analogous

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



4278204564



4282130048



4285595737

Triad

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



4282130048



4284228352



4278207808

Complementary

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



4282130048



4284645406

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.



4278207243



4282130048



4281743104

Square

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



4282130048



4285988864



4278206464



4278208110

Rectangle

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



4282130048



4286513210



4278206464



4278207791

Sweetspot

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



4282130048



4287332518



4280181632



4282662228



4292138196



4283716692

Same Dimension

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



4282130048



4282125734



4285275776



4282071360



4280746112



4278190080

Inverse Universe

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



4286586466



4289072503



4281499678



4282399038



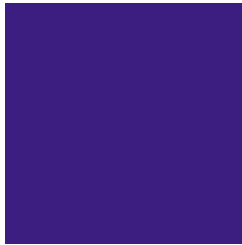
4286578776



4278190080

Previews

White Background



This preview shows how the Android color 4282130048 looks on a white background.

Color Contrast Check

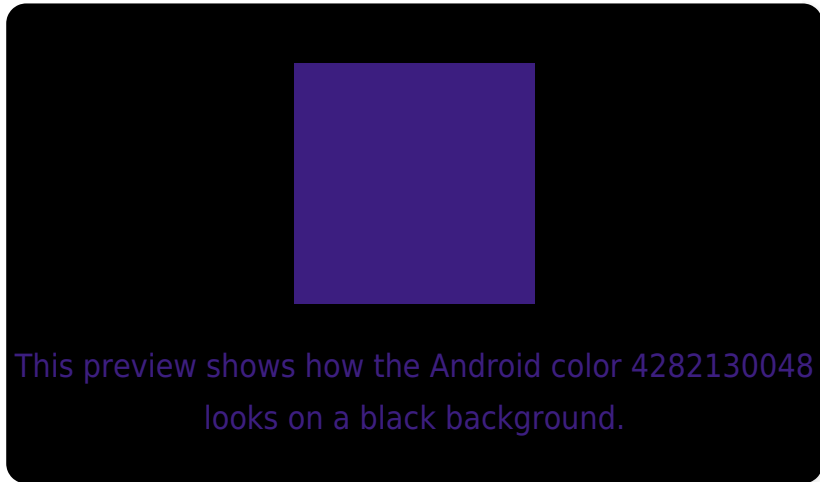
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282130048 Background



This preview shows how black text looks on a background with the Android color 4282130048.



This preview shows how white text looks on a background with the Android color 4282130048.

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

4282130048

Protanopia

4278203244

Deuteranopia

4278203996

Trichromacy



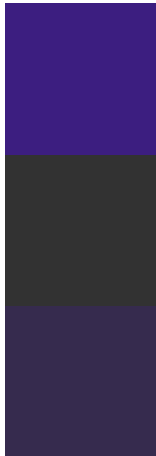
Original Color
4282130048

Protanomaly
4279642995

Deuteranomaly
4279643497

Tritanomaly
4281216853

Monochromacy



Original Color
4282130048

Achromatopsia
4281479730

Achromatomaly
4281740110

CSS Examples

Text

The CSS property to change the color of the text to Android 4282130048 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(60, 30, 128)` looks like.

```
.text, #text, p{  
    color:rgb(60, 30, 128)  
}
```

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(60, 30, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 30, 128) }
```

Border

The CSS property to change the border of an element to Android 4282130048 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(60, 30, 128) }
```

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

```
.border{ border-color:rgb(60, 30, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 30, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 30, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 30, 128);  
box-shadow:4px 4px 4px 4px rgb(60, 30,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4282130048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 30, 128) }
```

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

```
.background{ background-color: rgb(60, 30,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor