

Converting Colors

Android(4280466432)

Have a look what the booklet for
Android(4280466432) contains.

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Color

Android(4280466432)

Conversions

Conversions Part 1

Format	Color
Hex	22BC00
RGB	34, 188, 0
RGB Percent	13%, 74%, 0%
CMY	0.8667, 0.2627, 1.0000
CMYK	0.82, 0.00, 1.00, 0.26
HSL	109°, 100%, 37%
HSV	109°, 100%, 74%
XYZ	18.6429, 36.3065, 6.0253
YIQ	120.5220, -31.4360, -91.1160

Conversions

Conversions Part 2

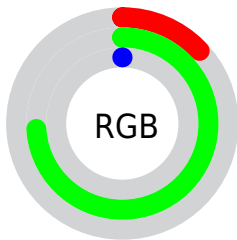
Format	Color
RYB	0, 188, 154
Decimal	2276352
CIELab	66.75, -66.19, 66.46
CIELCh	67, 93.798, 134.880
Yxy	36.3065, 0.3057, 0.5954
Android (android.graphics.Color)	4280466432 (0xFF22BC00)
YUV	120.5220, -59.4173, -75.8798
Hunter-Lab	60.2549, -50.2180, 36.2496

Details

The Android color `4280466432` is a dark color, and the websafe version is hex `33CC00`. A complement of this color would be `4288282812`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4285462094`, and `4278224128` is the 20% darker color. If you saturate the color by 10%, you get `4280466432`, and if you desaturate by 10%, it is `4281449491`.

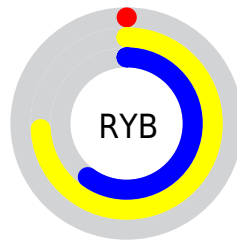
Distribution



Red (13%)

Green (74%)

Blue (0%)



Red (0%)

Yellow (74%)

Blue (60%)

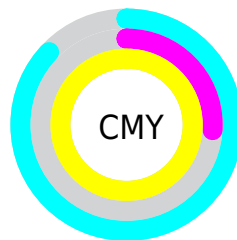


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (87%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280466432 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 4280466432 by changing the saturation by 10% instead.



4280466432



4280466432

4294967295



4278231040



4285462094



4278224128



4287561578



4278217216



4289527687



4278210816



4291559331



4278204672



4293590976



4278198016



4294967261



4278190080



4294967290



4280466432

 4281449491

 4282498086

 4283481144

 4284529739

 4285512798

 4286495857

 4287544452

 4288527510

 4289576105

Harmonies

Analogous

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



4288523264



4280466432



4278240371

Triad

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



4280466432



4278237695



4294914429

Complementary

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



4280466432



4288282812

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.



4294917841



4280466432



4278231039

Square

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



4280466432



4278240511



4292375807



4294927145

Rectangle

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



4280466432



4278240942



4292375807



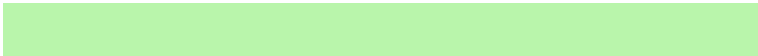
4294912664

Sweetspot

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



4280466432



4290377131



4290550272



4283857486



4294638330



4286216826

Same Dimension

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



4280466432



4281136384



4278238268



4283915861



4280131072



4278591232

Inverse Universe

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



4288282812



4291363061



4290510976



4284306782



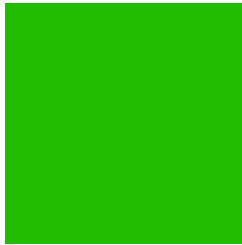
4286709918



4279828511

Previews

White Background



This preview shows how the Android color 4280466432 looks on a white background.

Color Contrast Check

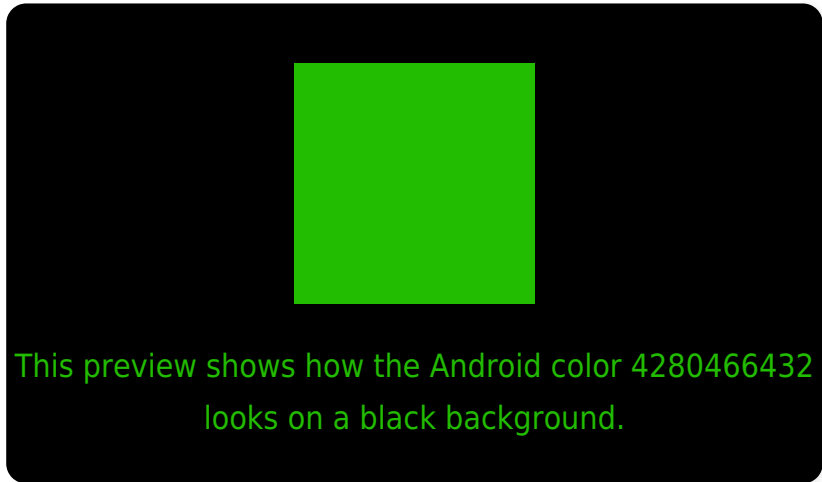
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

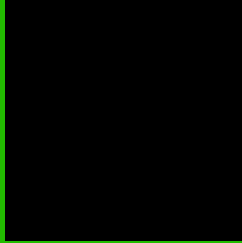
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280466432 Background



This preview shows how black text looks on a background with the Android color 4280466432.



This preview shows how white text looks on a background with the Android color 4280466432.

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



Trichromacy



Original Color

4280466432



Protanomaly

4286622464



Deuteranomaly

4287473178



Tritanomaly

4282561656

Monochromacy



Original Color

4280466432



Achromatopsia

4286151033



Achromatomaly

4284059981

CSS Examples

Text

The CSS property to change the color of the text to Android 4280466432 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(34, 188, 0)` looks like.

```
.text, #text, p{  
    color:rgb(34, 188, 0)  
}
```

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(34, 188, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 188, 0) }
```

Border

The CSS property to change the border of an element to Android 4280466432 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(34, 188, 0) }
```

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

```
.border{ border-color:rgb(34, 188, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 188, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 188, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 188, 0);  
box-shadow:4px 4px 4px 4px rgb(34, 188, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4280466432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 188, 0) }
```

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

```
.background{ background-color: rgb(34, 188,  
0) }
```

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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