

Converting Colors

Android(4282822400)

Have a look what the booklet for
Android(4282822400) contains.

Android(4282822400)	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(4282822400)

Conversions

Conversions Part 1

Format	Color
Hex	46AF00
RGB	70, 175, 0
RGB Percent	27%, 69%, 0%
CMY	0.7255, 0.3137, 1.0000
CMYK	0.60, 0.00, 1.00, 0.31
HSL	96°, 100%, 34%
HSV	96°, 100%, 69%
XYZ	17.8558, 31.9620, 5.2282
YIQ	123.6550, -6.4050, -76.6850

Conversions

Conversions Part 2

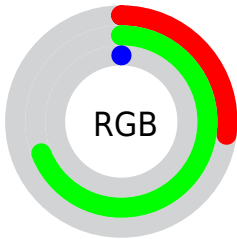
Format	Color
RYB	0, 175, 105
Decimal	4632320
CIELab	63.31, -55.50, 64.05
CIELCh	63, 84.749, 130.907
Yxy	31.9620, 0.3244, 0.5806
Android (android.graphics.Color)	4282822400 (0xFF46AF00)
YUV	123.6550, -60.9619, -47.0554
Hunter-Lab	56.5350, -42.5595, 34.0915

Details

The Android color `4282822400` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4285071535`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4286834763`, and `4278221056` is the 20% darker color. If you saturate the color by 10%, you get `4282822400`, and if you desaturate by 10%, it is `4283477777`.

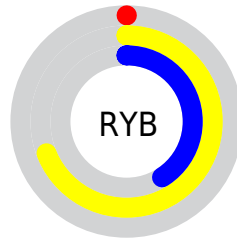
Distribution



Red (27%)

Green (69%)

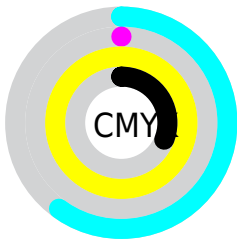
Blue (0%)



Red (0%)

Yellow (69%)

Blue (41%)

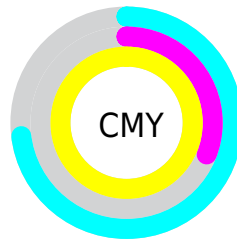


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (73%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282822400 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 4282822400 by changing the saturation by 10% instead.

 4282822400

 4282822400

4294967295

 4280390656

 4286834763

 4278221056

 4288741223

 4278214400

 4290707331

 4278208000

 4292673439

 4278202368

 4294639548

 4278195200

 4294967257

 4278190080

 4294967286

 4282822400

 4283477777

 4284198691

 4284919605

 4285574982

 4286230360

 4286951273

 4287672186

 4288327564

 4288982942

Harmonies

Analogous

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



4288716544



4282822400



4278237029

Triad

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



4282822400



4278235135



4294916993

Complementary

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



4282822400



4285071535

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.



4294921164



4282822400



4278229759

Square

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



4282822400



4278237435



4290541567



4294925625

Rectangle

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



4282822400



4278237849



4290541567



4294916506

Sweetspot

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



4282822400



4290438047



4289685760



4284117833



4294111986



4285756275

Same Dimension

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



4282822400



4284211968



4278234897



4283520846



4282160640



4278785792

Inverse Universe

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



4285071535



4287103203



4289659038



4283649623



4284088470



4279107607

Previews

White Background



This preview shows how the Android color 4282822400 looks on a white background.

Color Contrast Check

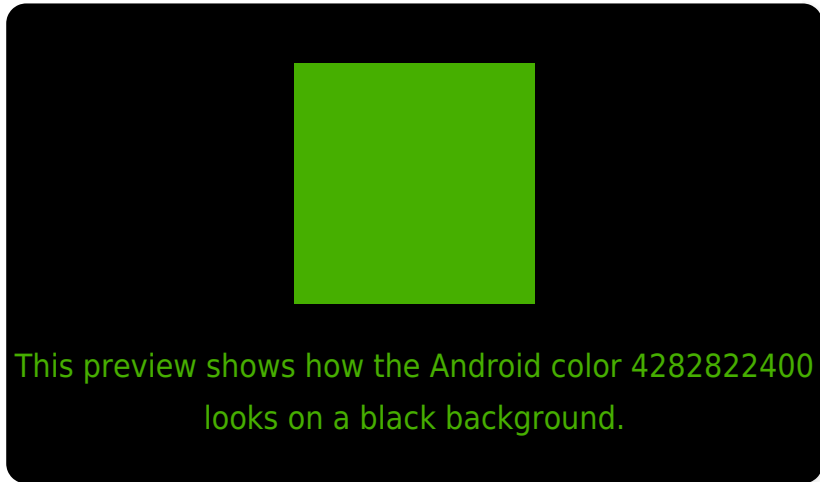
Large Text (above 18pt) WCAG AA × Fail

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 4282822400 Background



This preview shows how black text looks on a background with the Android color 4282822400.



This preview shows how white text looks on a background with the Android color 4282822400.

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

4282822400



Protanomaly

4287078656



Deuteranomaly

4287929112



Tritanomaly

4284000112

Monochromacy



Original Color

4282822400



Achromatopsia

4286348412



Achromatomaly

4285042511

CSS Examples

Text

The CSS property to change the color of the text to Android 4282822400 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(70, 175, 0)` looks like.

```
.text, #text, p{  
    color:rgb(70, 175, 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(70, 175, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 175, 0) }
```

Border

The CSS property to change the border of an element to Android 4282822400 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(70, 175, 0) }
```

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

```
.border{ border-color:rgb(70, 175, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 175, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 175, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 175, 0);  
box-shadow:4px 4px 4px 4px rgb(70, 175, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4282822400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 175, 0) }
```

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

```
.background{ background-color: rgb(70, 175,  
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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