

Converting Colors

Android(4282232622)

Have a look what the booklet for
Android(4282232622) contains.

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Color

Android(4282232622)

Conversions

Conversions Part 1

Format	Color
Hex	3DAF2E
RGB	61, 175, 46
RGB Percent	24%, 69%, 18%
CMY	0.7608, 0.3137, 0.8196
CMYK	0.65, 0.00, 0.74, 0.31
HSL	113°, 58%, 43%
HSV	113°, 74%, 69%
XYZ	17.7476, 31.8493, 7.7969
YIQ	126.2080, -26.5350, -64.2870

Conversions

Conversions Part 2

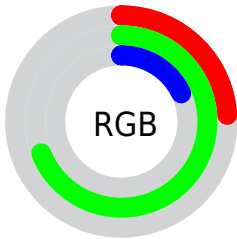
Format	Color
RYB	46, 175, 160
Decimal	4042542
CIELab	63.22, -55.67, 53.53
CIELCh	63, 77.234, 136.124
Yxy	31.8493, 0.3092, 0.5549
Android (android.graphics.Color)	4282232622 (0xFF3DAF2E)
YUV	126.2080, -39.5425, -57.1874
Hunter-Lab	56.4352, -42.6274, 31.3133

Details

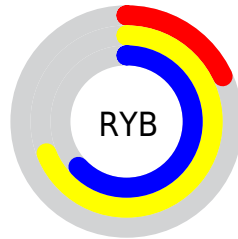
The Android color `4282232622` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4288687791`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4286244964`, and `4278221056` is the 20% darker color. If you saturate the color by 10%, you get `4281249565`, and if you desaturate by 10%, it is `4283215680`.

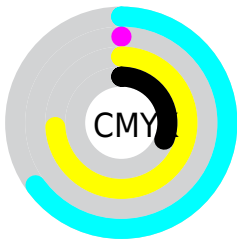
Distribution



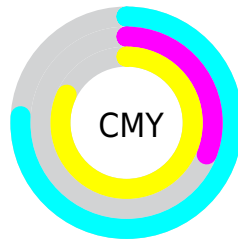
- Red (24%)
- Green (69%)
- Blue (18%)



- Red (18%)
- Yellow (69%)
- Blue (63%)



- Cyan (65%)
- Magenta (0%)
- Yellow (74%)
- Black (31%)



- Cyan (76%)
- Magenta (31%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282232622 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 4282232622 by changing the saturation by 10% instead.



4282232622



4282232622

4294967295



4279407628



4286244964



4278221056



4288216959



4278214400



4290117530



4278208000



4292083638



4278202368



4294049747



4278194944



4294967280



4278190080



4282232622



4282232622



4281249565



4283215680

■ 4280200971

■ 4284264273

■ 4279545600

■ 4285247331

■ 4286295924

■ 4287278982

■ 4288327575

■ 4289310633

■ 4290359226

■ 4291342283

Harmonies

Analogous

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



4287996160



4282232622



4278236790

Triad

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



4282232622



4278233855



4294921847

Complementary

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



4282232622



4288687791

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.



4294923196



4282232622



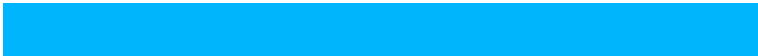
4282488063

Square

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



4282232622



4278236667



4291458297



4294863670

Rectangle

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



4282232622



4278237350



4291458297



4294921102

Sweetspot

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



4282232622



4290241457



4289699886



4283986773



4294111986



4285756275

Same Dimension

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



4282232622



4281525019



4281249631



4283389774



4279342592



4278392576

Inverse Universe

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



4288687791



4291566563



4289670782



4283846231



4286906518



4279500823

Previews

White Background



This preview shows how the Android color 4282232622 looks on a white background.

Color Contrast Check

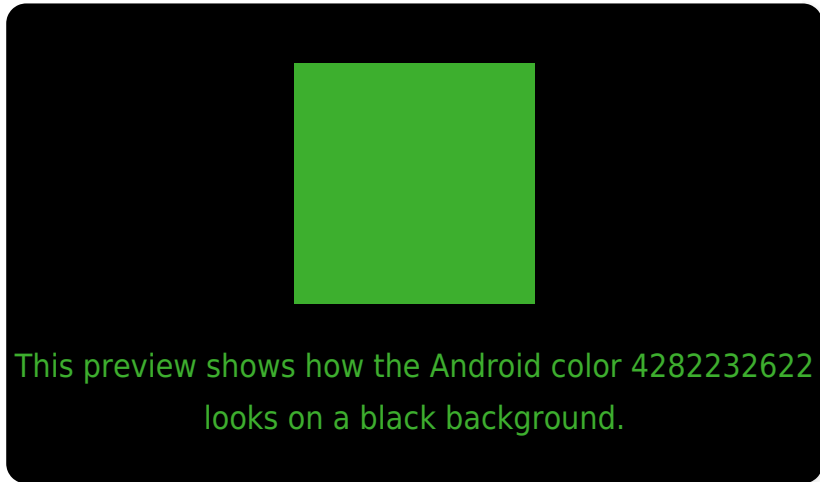
Large Text (above 18pt) WCAG AA × Fail

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

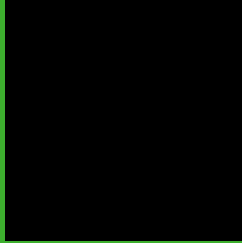
Any Text WCAG AA ✓ Pass

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 4282232622 Background



This preview shows how black text looks on a background with the Android color 4282232622.



This preview shows how white text looks on a background with the Android color 4282232622.

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
4282232622

Protanopia
4289435688

Deuteranopia
4290613306

Trichromacy



Original Color

4282232622



Protanomaly

4286816298



Deuteranomaly

4287535926



Tritanomaly

4283541377

Monochromacy



Original Color

4282232622



Achromatopsia

4286479998



Achromatomaly

4284911713

CSS Examples

Text

The CSS property to change the color of the text to Android 4282232622 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(61, 175, 46)` looks like.

```
.text, #text, p{  
    color:rgb(61, 175, 46)  
}
```

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(61, 175, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 175, 46) }
```

Border

The CSS property to change the border of an element to Android 4282232622 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(61, 175, 46) }
```

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

```
.border{ border-color:rgb(61, 175, 46) }
```

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

Here you see how a box with a 4 pixel rgb(61, 175, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 175, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 175, 46);  
box-shadow:4px 4px 4px 4px rgb(61, 175,  
46) }
```

Background

The CSS property to change the background color of an element to Android 4282232622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 175, 46) }
```

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

```
.background{ background-color: rgb(61, 175,  
46) }
```

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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