

Converting Colors

Android(4282431552)

Have a look what the booklet for
Android(4282431552) contains.

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Color

Android(4282431552)

Conversions

Conversions Part 1

Format	Color
Hex	40B840
RGB	64, 184, 64
RGB Percent	25%, 72%, 25%
CMY	0.7490, 0.2784, 0.7490
CMYK	0.65, 0.00, 0.65, 0.28
HSL	120°, 48%, 49%
HSV	120°, 65%, 72%
XYZ	20.1803, 35.7411, 10.6856
YIQ	134.4400, -33.0000, -62.7600

Conversions

Conversions Part 2

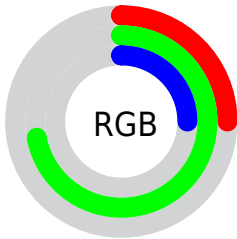
Format	Color
RYB	64, 184, 184
Decimal	4241472
CIELab	66.32, -56.55, 49.68
CIELCh	66, 75.273, 138.699
Yxy	35.7411, 0.3030, 0.5366
Android (android.graphics.Color)	4282431552 (0xFF40B840)
YUV	134.4400, -34.7269, -61.7759
Hunter-Lab	59.7839, -44.3685, 31.2514

Details

The Android color **4282431552** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **4290265272**, and the grayscale version is **4287072135**.

A 20% lighter version of the original color is **4286509429**, and **4278223360** is the 20% darker color. If you saturate the color by 10%, you get **4281251886**, and if you desaturate by 10%, it is **4283611218**.

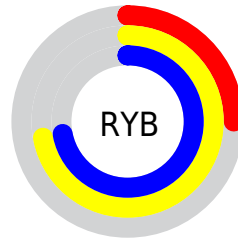
Distribution



Red (25%)

Green (72%)

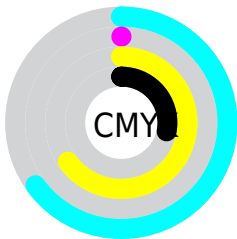
Blue (25%)



Red (25%)

Yellow (72%)

Blue (72%)

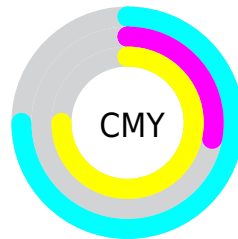


Cyan (65%)

Magenta (0%)

Yellow (65%)

Black (28%)



Cyan (75%)

Magenta (28%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282431552 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 4282431552 by changing the saturation by 10% instead.



4282431552



4282431552

4294967295



4279671845



4286509429



4278223360



4288413584



4278216448



4290379691



4278210048



4292280263



4278203904



4294246372



4278197760



4278190080



4282431552



4282431552



4281251886



4283611218

■ 4280006683

■ 4284856421

■ 4278827017

■ 4286036087

■ 4278237184

■ 4287281290

■ 4288460956

■ 4289640622

■ 4290885825

■ 4292065491

■ 4293310694

Harmonies

Analogous

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



4288260864



4282431552



4278239108

Triad

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



4282431552



4278235647



4294925690

Complementary

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



4282431552



4290265272

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.



4294926014



4282431552



4284914431

Square

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



4282431552



4278238463



4292377595



4294932540

Rectangle

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



4282431552



4278239412



4292377595



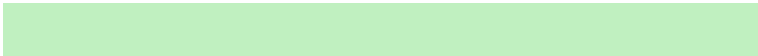
4294924688

Sweetspot

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



4282431552



4290834624



4290295872



4284184667



4294440951



4286085240

Same Dimension

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



4282431552



4281724981



4282431612



4283653203



4278230016



4278197248

Inverse Universe

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



4290265272



4293932528



4290265212



4284240732



4288413852



4280025116

Previews

White Background



This preview shows how the Android color 4282431552 looks on a white background.

Color Contrast Check

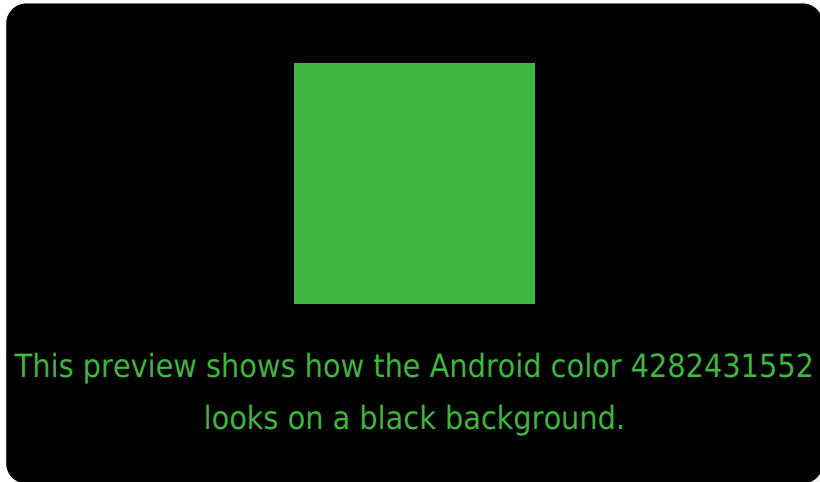
Large Text (above 18pt) WCAG AA × Fail

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

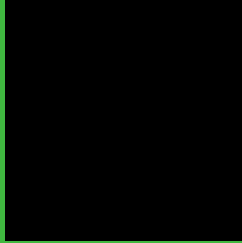
Any Text WCAG AA ✓ Pass

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 4282431552 Background



This preview shows how black text looks on a background with the Android color 4282431552.



This preview shows how white text looks on a background with the Android color 4282431552.

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
4282431552

Protanopia
4289962041

Deuteranopia
4291205194

Trichromacy



Original Color

4282431552



Protanomaly

4287211836



Deuteranomaly

4287996998



Tritanomaly

4283740302

Monochromacy



Original Color

4282431552



Achromatopsia

4287006342



Achromatomaly

4285372525

CSS Examples

Text

The CSS property to change the color of the text to Android 4282431552 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(64, 184, 64)` looks like.

```
.text, #text, p{  
    color:rgb(64, 184, 64)  
}
```

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(64, 184, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 184, 64) }
```

Border

The CSS property to change the border of an element to Android 4282431552 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(64, 184, 64) }
```

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

```
.border{ border-color:rgb(64, 184, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 184, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 184, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 184, 64);  
box-shadow:4px 4px 4px 4px rgb(64, 184,  
64) }
```

Background

The CSS property to change the background color of an element to Android 4282431552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 184, 64) }
```

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

```
.background{ background-color: rgb(64, 184,  
64) }
```

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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