

Converting Colors

Android(4286627648)

Have a look what the booklet for
Android(4286627648) contains.

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Color

Android(4286627648)

Conversions

Conversions Part 1

Format	Color
Hex	80BF40
RGB	128, 191, 64
RGB Percent	50%, 75%, 25%
CMY	0.4980, 0.2510, 0.7490
CMYK	0.33, 0.00, 0.66, 0.25
HSL	90°, 50%, 50%
HSV	90°, 66%, 75%
XYZ	28.4583, 42.2210, 11.5000
YIQ	157.6850, 3.2190, -52.8530

Conversions

Conversions Part 2

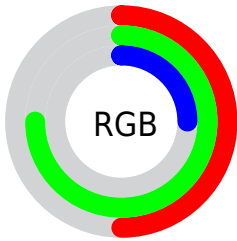
Format	Color
RYB	64, 191, 127
Decimal	8437568
CIELab	71.02, -40.60, 55.50
CIELCh	71, 68.766, 126.187
Yxy	42.2210, 0.3463, 0.5138
Android (android.graphics.Color)	4286627648 (0xFF80BF40)
YUV	157.6850, -46.1867, -26.0337
Hunter-Lab	64.9777, -35.5332, 34.9909

Details

The Android color **4286627648** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4286529727**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4290312310**, and **4283009280** is the 20% darker color. If you saturate the color by 10%, you get **4286037805**, and if you desaturate by 10%, it is **4287217491**.

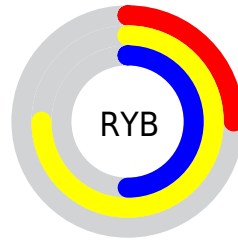
Distribution



Red (50%)

Green (75%)

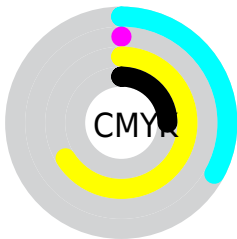
Blue (25%)



Red (25%)

Yellow (75%)

Blue (50%)

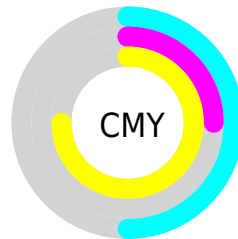


Cyan (33%)

Magenta (0%)

Yellow (66%)

Black (25%)



Cyan (50%)

Magenta (25%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286627648 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 4286627648 by changing the saturation by 10% instead.



4286627648



4286627648

4294967295



4284785699



4290312310



4283009280



4292214673



4281102080



4294180781



4278736384



4294967241



4278205952



4294967270



4278200576



4278191872



4278190080



4286627648



4286627648

■ 4286037805

■ 4287217491

■ 4285382426

■ 4287872870

■ 4284792583

■ 4288462713

■ 4284530432

■ 4289118092

■ 4289707936

■ 4290363315

■ 4290953158

■ 4291608537

■ 4292198380

Harmonies

Analogous

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



4290948894



4286627648



4278241401

Triad

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



4286627648



4278239999



4294930851

Complementary

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



4286627648



4286529727

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.



4294933986



4286627648



4280988159

Square

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



4286627648



4278242038



4290877695



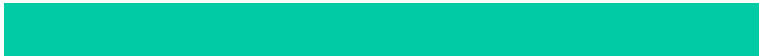
4294934375

Rectangle

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



4286627648



4278242212



4290877695



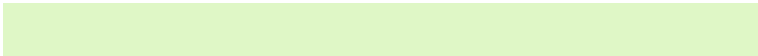
4294931129

Sweetspot

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



4286627648



4292868038



4290739520



4285431135



4294769916



4286414205

Same Dimension

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



4286627648



4288018225



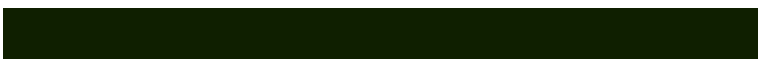
4282564416



4284112469



4283473408



4279181056

Inverse Universe

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



4286529727



4287902199



4290592959



4284110174



4283302046



4279173151

Previews

White Background



This preview shows how the Android color 4286627648 looks on a white background.

Color Contrast Check

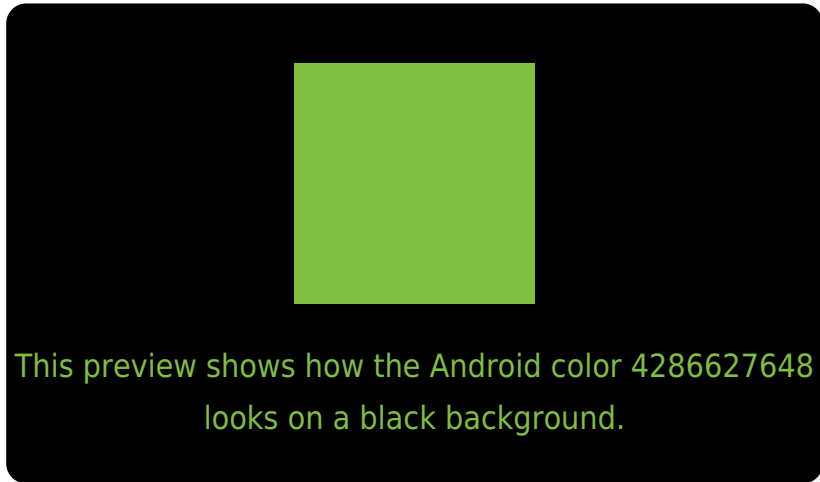
Large Text (above 18pt) WCAG AA × Fail

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 4286627648 Background



This preview shows how black text looks on a background with the Android color 4286627648.



This preview shows how white text looks on a background with the Android color 4286627648.

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](#).

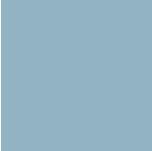
Dichromacy



Original Color
4286627648

Protanopia
4290948411

Deuteranopia
4292322633



Tritanopia
4287804353

Trichromacy



Original Color

4286627648



Protanomaly

4289377341



Deuteranomaly

4290227782



Tritanomaly

4287346578

Monochromacy



Original Color

4286627648



Achromatopsia

4288585374



Achromatomaly

4287867516

CSS Examples

Text

The CSS property to change the color of the text to Android 4286627648 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(128, 191, 64)` looks like.

```
.text, #text, p{  
    color:rgb(128, 191, 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(128, 191, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 191, 64) }
```

Border

The CSS property to change the border of an element to Android 4286627648 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(128, 191, 64) }
```

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

```
.border{ border-color:rgb(128, 191, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 191, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 191, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 191, 64);  
box-shadow:4px 4px 4px 4px rgb(128, 191,  
64) }
```

Background

The CSS property to change the background color of an element to Android 4286627648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 191, 64) }
```

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

```
.background{ background-color: rgb(128,  
191, 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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