

Converting Colors

Android(4286303556)

Have a look what the booklet for
Android(4286303556) contains.

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Color

Android(4286303556)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7BCD44 |
| RGB | 123, 205, 68 |
| RGB Percent | 48%, 80%, 27% |
| CMY | 0.5176, 0.1961, 0.7333 |
| CMYK | 0.40, 0.00, 0.67, 0.20 |
| HSL | 96°, 58%, 54% |
| HSV | 96°, 67%, 80% |
| XYZ | 31.0431, 48.2910, 13.1538 |
| YIQ | 164.8640, -4.8950, -59.9910 |

Conversions

Conversions Part 2

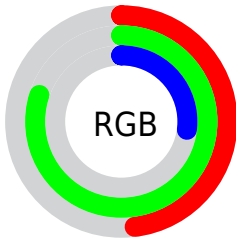
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 68, 205, 150 |
| Decimal | 8113476 |
| CIELab | 75.01, -47.94, 58.04 |
| CIELCh | 75, 75.282, 129.557 |
| Yxy | 48.2910, 0.3356, 0.5221 |
| Android (android.graphics.Color) | 4286303556 (0xFF7BCD44) |
| YUV | 164.8640, -47.7540, -36.7147 |
| Hunter-Lab | 69.4917, -41.8716, 37.4214 |

Details

The Android color **4286303556** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **4288038093**, and the grayscale version is **4289045925**.

A 20% lighter version of the original color is **4290051962**, and **4282488320** is the 20% darker color. If you saturate the color by 10%, you get **4285517104**, and if you desaturate by 10%, it is **4287090009**.

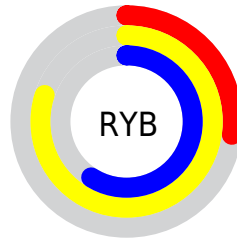
Distribution



Red (48%)

Green (80%)

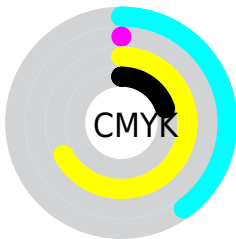
Blue (27%)



Red (27%)

Yellow (80%)

Blue (59%)

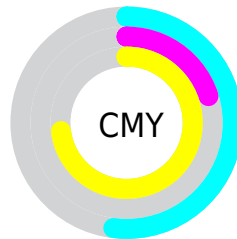


Cyan (40%)

Magenta (0%)

Yellow (67%)

Black (20%)



Cyan (52%)

Magenta (20%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286303556 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 4286303556 by changing the saturation by 10% instead.



4286303556



4286303556

4294967295



4284395815



4290051962



4282488320



4292018070



4280318976



4293918642



4278215168



4294967246



4278208768



4294967275



4278202880



4278196736



4278190080



4286303556



4286303556

■ 4285517104

■ 4287090009

■ 4284665115

■ 4287941997

■ 4283878663

■ 4288728450

■ 4283616512

■ 4289514902

■ 4290301355

■ 4291153343

■ 4291939796

■ 4292726248

■ 4293512701

Harmonies

Analogous

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



4291279890



4286303556



4278244997

Triad

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



4286303556



4278242815



4294931621

Complementary

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



4286303556



4288038093

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.



4294934251



4286303556



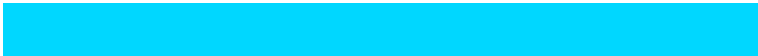
4282563071

Square

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



4286303556



4278245375



4292386047



4294936420

Rectangle

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



4286303556



4278245813



4292386047



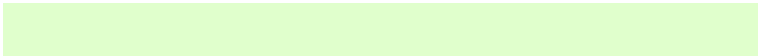
4294931645

Sweetspot

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



4286303556



4292935628



4291662916



4285366369



4278190080



4286611584

Same Dimension

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



4286303556



4286971699



4282699087



4284507740



4282623488



4279182848

Inverse Universe

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



4288038093



4289541119



4291642562



4284636262



4284678310



4279697446

Previews

White Background



This preview shows how the Android color 4286303556 looks on a white background.

Color Contrast Check

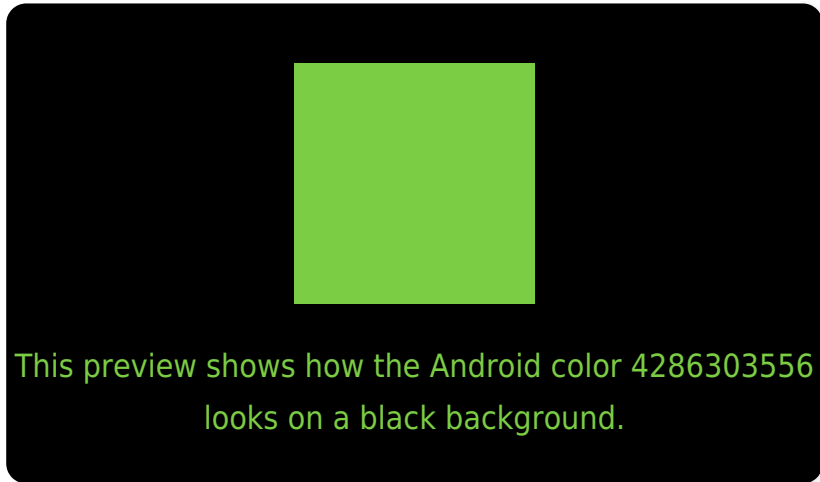
Large Text (above 18pt) WCAG AA × Fail

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 4286303556 Background



This preview shows how black text looks on a background with the Android color 4286303556.



This preview shows how white text looks on a background with the Android color 4286303556.

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
4286303556

Protanopia
4291672126

Deuteranopia
4293177166

Trichromacy



Original Color

4286303556



Protanomaly

4289708096



Deuteranomaly

4290689610



Tritanomaly

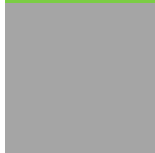
4287153564

Monochromacy



Original Color

4286303556



Achromatopsia

4289045925



Achromatomaly

4288066690

CSS Examples

Text

The CSS property to change the color of the text to Android 4286303556 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(123, 205, 68)` looks like.

```
.text, #text, p{  
    color:rgb(123, 205, 68)  
}
```

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(123, 205, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 205, 68) }
```

Border

The CSS property to change the border of an element to Android 4286303556 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(123, 205, 68) }
```

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

```
.border{ border-color:rgb(123, 205, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 205, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 205, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 205, 68);  
box-shadow:4px 4px 4px 4px rgb(123, 205,  
68) }
```

Background

The CSS property to change the background color of an element to Android 4286303556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 205, 68) }
```

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

```
.background{ background-color: rgb(123,  
205, 68) }
```

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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