

Converting Colors

Android(4283806744)

Have a look what the booklet for
Android(4283806744) contains.

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Color

Android(4283806744)

Conversions

Conversions Part 1

Format	Color
Hex	55B418
RGB	85, 180, 24
RGB Percent	33%, 71%, 9%
CMY	0.6667, 0.2941, 0.9059
CMYK	0.53, 0.00, 0.87, 0.29
HSL	97°, 76%, 40%
HSV	97°, 87%, 71%
XYZ	20.2324, 34.6398, 6.4839
YIQ	133.8110, -6.5440, -68.6560

Conversions

Conversions Part 2

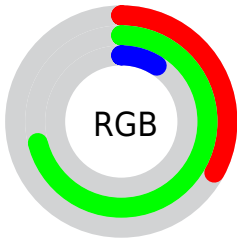
Format	Color
R_YB	24, 180, 119
Decimal	5616664
CIE _{Lab}	65.47, -52.61, 62.36
CIE _{LCh}	65, 81.587, 130.152
Yxy	34.6398, 0.3298, 0.5646
Android (android.graphics.Color)	4283806744 (0xFF55B418)
YUV	133.8110, -54.1368, -42.8072
Hunter-Lab	58.8556, -41.6353, 34.6671

Details

The Android color **4283806744** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **4285995188**, and the grayscale version is **4287006342**.

A 20% lighter version of the original color is **4287688022**, and **4278550016** is the 20% darker color. If you saturate the color by 10%, you get **4283085830**, and if you desaturate by 10%, it is **4284527658**.

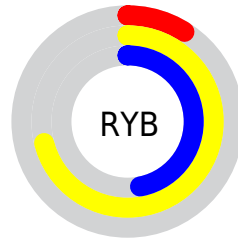
Distribution



Red (33%)

Green (71%)

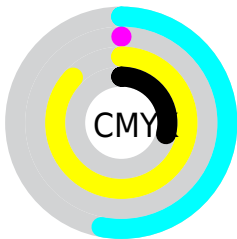
Blue (9%)



Red (9%)

Yellow (71%)

Blue (47%)

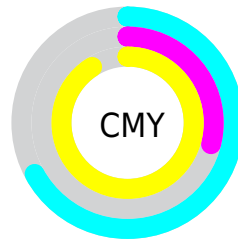


Cyan (53%)

Magenta (0%)

Yellow (87%)

Black (29%)



Cyan (67%)

Magenta (29%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283806744 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 4283806744 by changing the saturation by 10% instead.



4283806744



4283806744

4294967295



4281702656



4287688022



4278550016



4289593202



4278215680



4291493773



4278209280



4293459881



4278203392



4294967238



4278197248



4294967267



4278190080



4283806744



4283806744



4283085830



4284527658

■ 4282823680

■ 4285248572

■ 4285969486

■ 4286690400

■ 4287411314

■ 4288132228

■ 4288853142

■ 4289574056

■ 4290294970

Harmonies

Analogous

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



4289242112



4283806744



4278238314

Triad

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



4283806744



4278236415



4294920841

Complementary

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



4283806744



4285995188

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.



4294924754



4283806744



4278231295

Square

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



4283806744



4278238972



4290740223



4294927939

Rectangle

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



4283806744



4278239133



4290740223



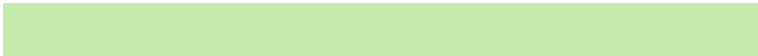
4294920866

Sweetspot

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



4283806744



4291161006



4290016792



4284446033



4294309365



4285887861

Same Dimension

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



4283806744



4284279552



4279809064



4283717968



4282161408



4278852096

Inverse Universe

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



4285995188



4287561963



4289992868



4283846745



4284285081



4279238682

Previews

White Background



This preview shows how the Android color 4283806744 looks on a white background.

Color Contrast Check

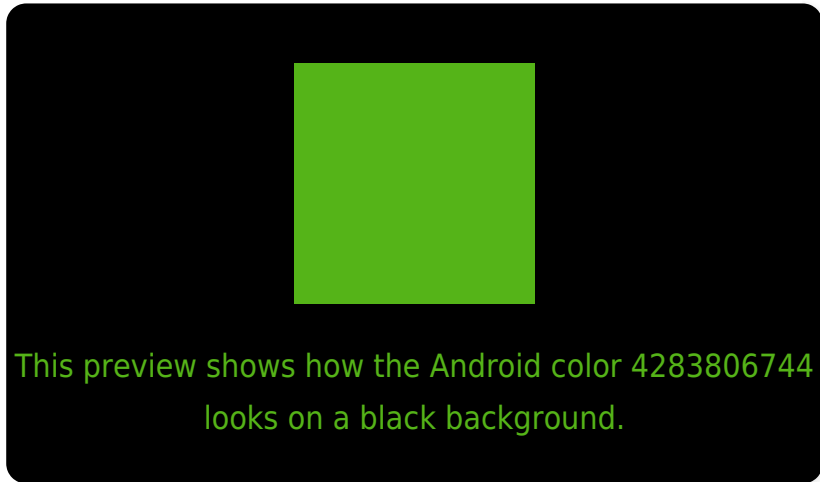
Large Text (above 18pt) WCAG AA × Fail

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 4283806744 Background



This preview shows how black text looks on a background with the Android color 4283806744.



This preview shows how white text looks on a background with the Android color 4283806744.

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
4283806744

Protanopia
4289895953

Deuteranopia
4291204651

Trichromacy



Original Color
4283806744



Protanomaly
4287669780



Deuteranomaly
4288520484



Tritanomaly
4284853372

Monochromacy



Original Color
4283806744



Achromatopsia
4287006342



Achromatomaly
4285831006

CSS Examples

Text

The CSS property to change the color of the text to Android 4283806744 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(85, 180, 24)` looks like.

```
.text, #text, p{  
    color:rgb(85, 180, 24)  
}
```

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(85, 180, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 180, 24) }
```

Border

The CSS property to change the border of an element to Android 4283806744 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(85, 180, 24) }
```

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

```
.border{ border-color:rgb(85, 180, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 180, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 180, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 180, 24);  
box-shadow:4px 4px 4px 4px rgb(85, 180,  
24) }
```

Background

The CSS property to change the background color of an element to Android 4283806744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 180, 24) }
```

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

```
.background{ background-color: rgb(85, 180,  
24) }
```

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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