

# Converting Colors

Android(4285644565)

Have a look what the booklet for  
Android(4285644565) contains.

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# **Color**

**Android(4285644565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71BF15
RGB	113, 191, 21
RGB Percent	44%, 75%, 8%
CMY	0.5569, 0.2510, 0.9176
CMYK	0.41, 0.00, 0.89, 0.25
HSL	88°, 80%, 42%
HSV	88°, 89%, 75%
XYZ	25.5762, 40.8265, 7.2418
YIQ	148.2980, 8.0820, -69.4060

# Conversions

## Conversions Part 2

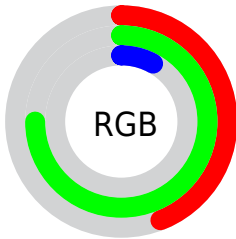
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 191, 99
Decimal	7454485
CIELab	70.05, -48.12, 67.34
CIELCh	70, 82.764, 125.551
Yxy	40.8265, 0.3473, 0.5544
Android (android.graphics.Color)	4285644565 (0xFF71BF15)
YUV	148.2980, -62.7579, -30.9563
Hunter-Lab	63.8956, -40.3671, 38.0071

# Details

The Android color `4285644565` is a dark color, and the websafe version is hex `66CC33`. A complement of this color would be `4284683711`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4289460311`, and `4281698560` is the 20% darker color. If you saturate the color by 10%, you get `4285054722`, and if you desaturate by 10%, it is `4286234408`.

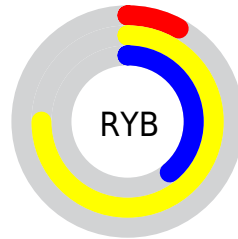
# Distribution



Red (44%)

Green (75%)

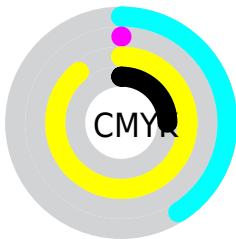
Blue (8%)



Red (8%)

Yellow (75%)

Blue (39%)

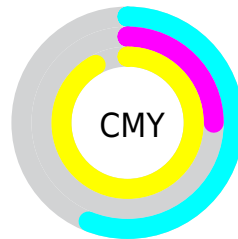


Cyan (41%)

Magenta (0%)

Yellow (89%)

Black (25%)



Cyan (56%)

Magenta (25%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285644565 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 4285644565 by changing the saturation by 10% instead.





4285644565



4285644565

4294967295



4283737088



4289460311



4281698560



4291362675



4279136000



4293328783



4278212096



4294967211



4278205696



4294967240



4278200320



4294967269



4278190080



4285644565



4285644565



4285054722



4286234408

■ 4284989184

■ 4286824251

■ 4287348558

■ 4287938401

■ 4288528245

■ 4289118088

■ 4289642395

■ 4290232238

■ 4290822081

# Harmonies

## Analogous

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



4290882816



4285644565



4278241641

# Triad

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



4285644565



4278240255



4294924193

# Complementary

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



4285644565



4284683711

# 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.



4294929131



4285644565



4278235391

# Square

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



4285644565



4278242559



4290547967



4294929496

# Rectangle

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



4285644565



4278242461



4290547967



4294924730

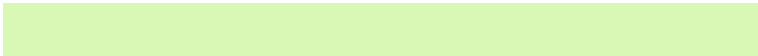


# Sweetspot

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



4285644565



4292474805



4290732565



4285234517



4294769916



4286414205



# Same Dimension

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



4285644565



4287035136



4280139541



4284112469



4283866624



4279312128



# Inverse Universe

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



4284683711



4285595895



4290123199



4284044638



4282974366



4279107615



# Previews

## White Background



This preview shows how the Android color 4285644565 looks on a white background.

## Color Contrast Check

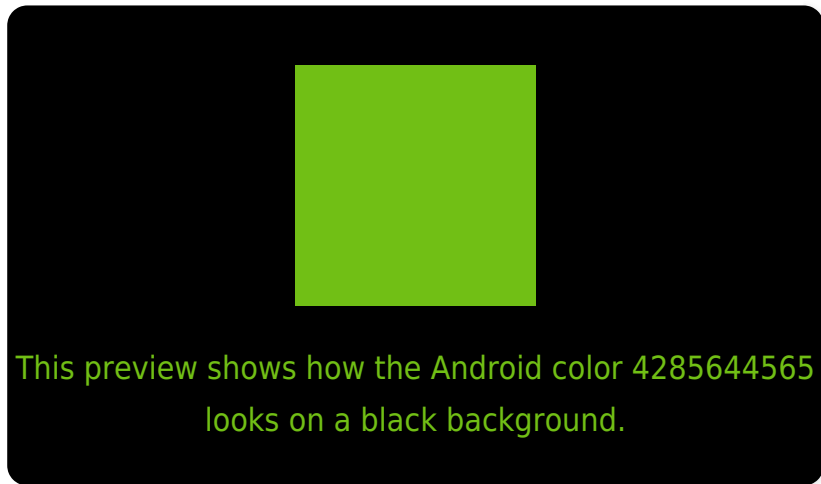
Large Text (above 18pt) WCAG AA × Fail

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 4285644565 Background



This preview shows how black text looks on a background with the Android color 4285644565.



This preview shows how white text looks on a background with the Android color 4285644565.

# 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





# Trichromacy



**Original Color**  
4285644565

**Protanomaly**  
4288918032

**Deuteranomaly**  
4289834274

**Tritanomaly**  
4286560130

# Monochromacy



**Original Color**  
4285644565

**Achromatopsia**  
4287927444

**Achromatomaly**  
4287079526

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285644565 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(113, 191, 21)` looks like.

```
.text, #text, p{  
    color:rgb(113, 191, 21)  
}
```

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(113, 191, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 191, 21) }
```

## Border

The CSS property to change the border of an element to Android 4285644565 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(113, 191, 21) }
```

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

```
.border{ border-color:rgb(113, 191, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 191, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 191, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 191, 21);  
box-shadow:4px 4px 4px 4px rgb(113, 191,  
21) }
```

# Background

The CSS property to change the background color of an element to Android 4285644565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 191, 21) }
```

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

```
.background{ background-color: rgb(113,  
191, 21) }
```

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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