

# Converting Colors

Android(4285214975)

Have a look what the booklet for  
Android(4285214975) contains.

<b>Android(4285214975)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4285214975)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B30FF
RGB	107, 48, 255
RGB Percent	42%, 19%, 100%
CMY	0.5804, 0.8118, 0.0000
CMYK	0.58, 0.81, 0.00, 0.00
HSL	257°, 100%, 59%
HSV	257°, 81%, 100%
XYZ	25.1704, 12.4597, 95.6861
YIQ	89.2390, -31.2830, 76.8850

# Conversions

## Conversions Part 2

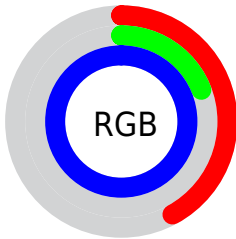
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 48, 255
Decimal	7024895
CIE <sub>Lab</sub>	41.94, 71.35, -91.68
CIE <sub>LCh</sub>	42, 116.173, 307.894
Yxy	12.4597, 0.1888, 0.0935
Android (android.graphics.Color)	4285214975 (0xFF6B30FF)
YUV	89.2390, 81.7202, 15.5764
Hunter-Lab	35.2983, 65.5119, -136.0136

# Details

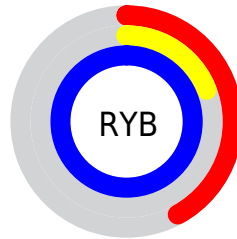
The Android color `4285214975` is a dark color, and the websafe version is hex `6633FF`. The color can be described as middle washed purple. A complement of this color would be `4291100464`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4289488895`, and `4278714565` is the 20% darker color. If you saturate the color by 10%, you get `4284028927`, and if you desaturate by 10%, it is `4286401279`.

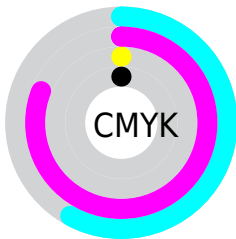
# Distribution



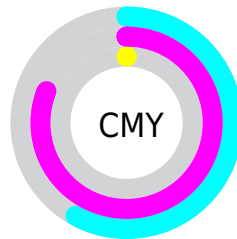
- Red (42%)
- Green (19%)
- Blue (100%)



- Red (42%)
- Yellow (19%)
- Blue (100%)



- Cyan (58%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (81%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285214975 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 4285214975 by changing the saturation by 10% instead.



 4285214975


 4285214975

4294967295

 4282781154

 4289488895

 4278714565

 4291593215

 4278190248

 4293697279

 4278190221

 4294949631

 4278190194

 4294957055

 4278193496

 4294964479

 4278191936

 4278190889

 4278190355

■ 4285214975

■ 4285214975

■ 4284028927

■ 4286401279

■ 4282974463

■ 4287587327

■ 4288839167

■ 4290025215

■ 4291211519

■ 4292397567

■ 4293649407

■ 4294835455

4294967295

# Harmonies

## Analogous

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



4278218239



4285214975



4292739245

# Triad

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



4285214975



4289674752



4278223483

# Complementary

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



4285214975



4291100464

# 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.



4278222596



4285214975



4284639232

# Square

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



4285214975



4293263360



4278221056



4278224346

# Rectangle

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



4285214975



4294443119



4278221056



4278223194



# Sweetspot

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



4285214975



4292068095



4281386239



4284832640



4278190080



4286611584



# Same Dimension

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



4285214975



4283304191



4291965183



4285952896



4281794751



4279369792



# Inverse Universe

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



4294914244



4294903992



4284350256



4286608252



4290707593

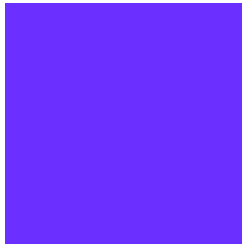


4282384430



# Previews

## White Background



This preview shows how the Android color 4285214975 looks on a white background.

## Color Contrast Check

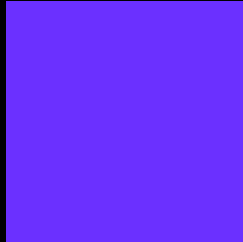
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4285214975 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285214975 Background



This preview shows how black text looks on a background with the Android color 4285214975.



This preview shows how white text looks on a background with the Android color 4285214975.

# 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**  
4285214975

**Protanopia**  
4278214600

**Deuteranopia**  
4278216107



# Trichromacy



**Original Color**  
4285214975



**Protanomaly**  
4280766172



**Deuteranomaly**  
4280767178



**Tritanomaly**  
4282799782

# Monochromacy



**Original Color**  
4285214975



**Achromatopsia**  
4284045657



**Achromatomaly**  
4284500629

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285214975 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(107, 48, 255)` looks like.

```
.text, #text, p{  
    color:rgb(107, 48, 255)  
}
```

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(107, 48, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 48, 255) }
```

## Border

The CSS property to change the border of an element to Android 4285214975 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(107, 48, 255) }
```

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

```
.border{ border-color:rgb(107, 48, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 48, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 48, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 48, 255);  
box-shadow:4px 4px 4px 4px rgb(107, 48,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4285214975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 48, 255) }
```

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

```
.background{ background-color: rgb(107, 48,  
255) }
```

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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