

# Converting Colors

Android(4285942705)

Have a look what the booklet for  
Android(4285942705) contains.

<b>Android(4285942705)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4285942705)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	764BB1
RGB	118, 75, 177
RGB Percent	46%, 29%, 69%
CMY	0.5373, 0.7059, 0.3059
CMYK	0.33, 0.58, 0.00, 0.31
HSL	265°, 40%, 49%
HSV	265°, 58%, 69%
XYZ	17.9231, 12.0580, 42.9778
YIQ	99.4850, -7.1140, 40.8380

# Conversions

## Conversions Part 2

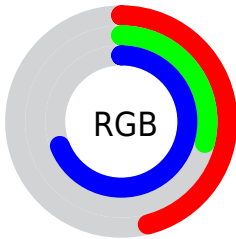
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 75, 177
Decimal	7752625
CIE <sub>Lab</sub>	41.31, 39.70, -47.90
CIE <sub>LCh</sub>	41, 62.218, 309.654
Yxy	12.0580, 0.2457, 0.1653
Android (android.graphics.Color)	4285942705 (0xFF764BB1)
YUV	99.4850, 38.2149, 16.2377
Hunter-Lab	34.7247, 31.3644, -49.0743

# Details

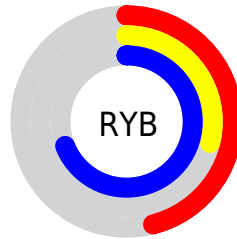
The Android color `4285942705` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4287017291`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4289560041`, and `4282391420` is the 20% darker color. If you saturate the color by 10%, you get `4285282737`, and if you desaturate by 10%, it is `4286602673`.

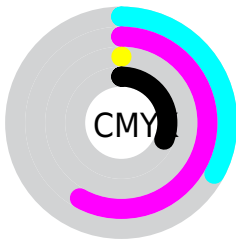
# Distribution



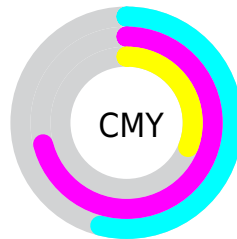
- Red (46%)
- Green (29%)
- Blue (69%)



- Red (46%)
- Yellow (29%)
- Blue (69%)



- Cyan (33%)
- Magenta (58%)
- Yellow (0%)
- Black (31%)



- Cyan (54%)
- Magenta (71%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285942705 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 4285942705 by changing the saturation by 10% instead.



 4285942705

 4285942705

4294967295

 4284167062

 4289560041

 4282391420

 4291467519

 4280549986

 4293374975

 4278779978

 4294955007

 4278190642

 4294962175

 4278190620

 4278190080

 4285942705

 4285942705

 4285282737

 4286602673

■ 4284623025

■ 4287262385

■ 4283897521

■ 4287987889

■ 4283237553

■ 4288647857

■ 4283105457

■ 4289307569

■ 4289967537

■ 4290693041

■ 4291353009

■ 4292012721

# Harmonies

## Analogous

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



4278215623



4285942705



4289277318

# Triad

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



4285942705



4287779328



4278220913

# Complementary

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



4285942705



4287017291

# 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.



4278220091



4285942705



4285031680

# Square

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



4285942705



4289738530



4281102336



4278220706

# Rectangle

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



4285942705



4290256740



4281102336



4278220639



# Sweetspot

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



4285942705



4291804902



4283140017



4284832883



4294111986



4285756275



# Same Dimension

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



4285942705



4287252454



4289219505



4283715673



4282450073



4278911002



# Inverse Universe

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



4289809286



4293281699



4283740491



4284043349



4288217176

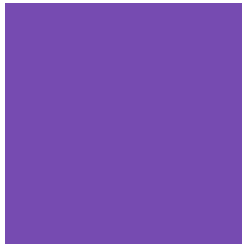


4279894031



# Previews

## White Background



This preview shows how the Android color 4285942705 looks on a white background.

## Color Contrast Check

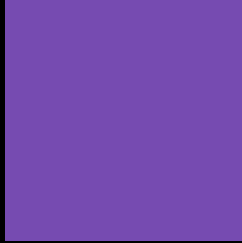
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285942705 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 4285942705 Background



This preview shows how black text looks on a background with the Android color 4285942705.



This preview shows how white text looks on a background with the Android color 4285942705.

# 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](#).

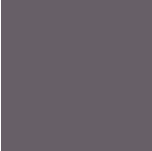
## Dichromacy



**Original Color**  
4285942705

**Protanopia**  
4279787205

**Deuteranopia**  
4280378284



**Tritanopia**  
4284964711

# Trichromacy



**Original Color**  
4285942705

**Protanomaly**  
4282013630

**Deuteranomaly**  
4282407598

**Tritanomaly**  
4285290626

# Monochromacy



**Original Color**  
4285942705

**Achromatopsia**  
4284703587

**Achromatomaly**  
4285160063

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285942705 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(118, 75, 177)` looks like.

```
.text, #text, p{  
    color:rgb(118, 75, 177)  
}
```

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(118, 75, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 75, 177) }
```

## Border

The CSS property to change the border of an element to Android 4285942705 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(118, 75, 177) }
```

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

```
.border{ border-color:rgb(118, 75, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 75, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 75, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 75, 177);  
box-shadow:4px 4px 4px 4px rgb(118, 75,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4285942705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 75, 177) }
```

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

```
.background{ background-color: rgb(118, 75,  
177) }
```

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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