

# Converting Colors

Android(4285633745)

Have a look what the booklet for  
Android(4285633745) contains.

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# **Color**

**Android(4285633745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7194D1
RGB	113, 148, 209
RGB Percent	44%, 58%, 82%
CMY	0.5569, 0.4196, 0.1804
CMYK	0.46, 0.29, 0.00, 0.18
HSL	218°, 51%, 63%
HSV	218°, 46%, 82%
XYZ	28.9086, 29.2940, 64.4523
YIQ	144.4890, -40.4410, 11.5510

# Conversions

## Conversions Part 2

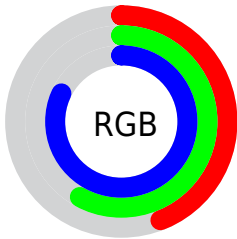
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 139, 209
Decimal	7443665
CIE <sub>Lab</sub>	61.04, 4.18, -35.10
CIE <sub>LCh</sub>	61, 35.348, 276.796
Yxy	29.2940, 0.2357, 0.2388
Android (android.graphics.Color)	4285633745 (0xFF7194D1)
YUV	144.4890, 31.8039, -27.6159
Hunter-Lab	54.1239, 0.6233, -32.7175

# Details

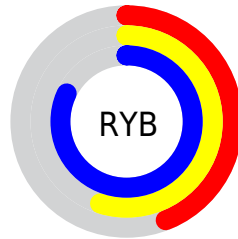
The Android color `4285633745` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291931761`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4289317631`, and `4281950874` is the 20% darker color. If you saturate the color by 10%, you get `4284254161`, and if you desaturate by 10%, it is `4287013329`.

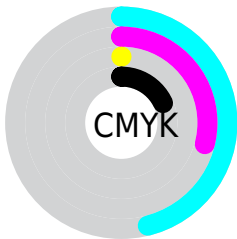
# Distribution



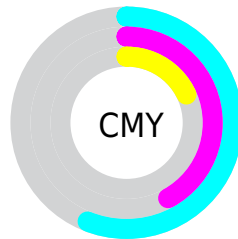
- Red (44%)
- Green (58%)
- Blue (82%)



- Red (44%)
- Yellow (55%)
- Blue (82%)



- Cyan (46%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)

















- Cyan (56%)
- Magenta (42%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285633745 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 4285633745 by changing the saturation by 10% instead.



 4285633745	 4285633745
4294967295	 4283792053
 4289317631	 4281950874
 4291159807	 4279782016
 4293066751	 4278203495
	 4278198094
	 4278191415
	 4278190625
	 4278190086
	 4278190080

■ 4285633745

■ 4285633745

■ 4284254161

■ 4287013329

■ 4282874321

■ 4288393169

■ 4281494737

■ 4289772753

■ 4280115153

■ 4291152337

■ 4278801105

■ 4292531921

■ 4278209745

■ 4293846225

■ 4294963665

■ 4294966993

■ 4294967249

# Harmonies

## Analogous

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



4281769420



4285633745



4288711109

# Triad

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



4285633745



4291657583



4283998842

# Complementary

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



4285633745



4291931761

# 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.



4286553184



4285633745



4290546010

# Square

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



4285633745



4291787661



4288779348



4280788122

# Rectangle

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



4285633745



4290216374



4288779348



4284915824



# Sweetspot

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



4285633745



4292602111



4285649326



4285166208



4278190080



4286611584



# Same Dimension

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



4285633745



4285769471



4286476753



4284375657



4278205864



4278193961



# Inverse Universe

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



4291916180



4294931366



4291088753



4285095522



4289200189



4280877071



# Previews

## White Background



This preview shows how the Android color 4285633745 looks on a white background.

## Color Contrast Check

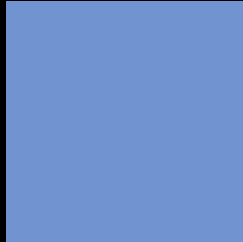
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4285633745 looks on a 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 × Fail

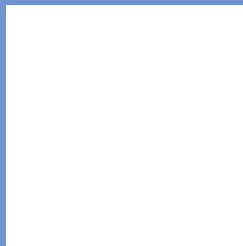
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285633745 Background



This preview shows how black text looks on a background with the Android color 4285633745.

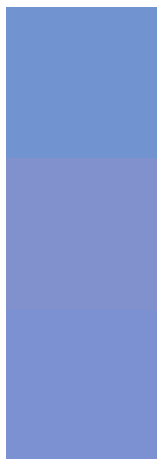


This preview shows how white text looks on a background with the Android color 4285633745.

# 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**  
4285633745

**Protanopia**  
4286616014

**Deuteranopia**  
4286288338



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285633745 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, 148, 209)` looks like.

```
.text, #text, p{  
    color:rgb(113, 148, 209)  
}
```

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, 148, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 148, 209) }
```

## Border

The CSS property to change the border of an element to Android 4285633745 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, 148, 209) }
```

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

```
.border{ border-color:rgb(113, 148, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 148, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 148, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 148, 209);  
box-shadow:4px 4px 4px 4px rgb(113, 148,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4285633745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 148, 209) }
```

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

```
.background{ background-color: rgb(113,  
148, 209) }
```

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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