

# Converting Colors

Android(4285638890)

Have a look what the booklet for  
Android(4285638890) contains.

<b>Android(4285638890)</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(4285638890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71A8EA
RGB	113, 168, 234
RGB Percent	44%, 66%, 92%
CMY	0.5569, 0.3412, 0.0824
CMYK	0.52, 0.28, 0.00, 0.08
HSL	213°, 74%, 68%
HSV	213°, 52%, 92%
XYZ	35.6640, 37.4565, 83.1920
YIQ	159.0790, -53.9660, 8.8660

# Conversions

## Conversions Part 2

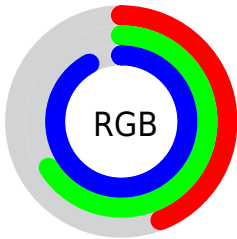
Format	Color
<a href="#">RYB</a>	<a href="#">113, 151, 234</a>
Decimal	<a href="#">7448810</a>
CIELab	<a href="#">67.62, 0.21, -38.67</a>
CIELCh	<a href="#">68, 38.671, 270.313</a>
Yxy	<a href="#">37.4565, 0.2282, 0.2396</a>
Android (android.graphics.Color)	<a href="#">4285638890 (0xFF71A8EA)</a>
YUV	<a href="#">159.0790, 36.9361, -40.4113</a>
Hunter-Lab	<a href="#">61.2017, -3.0860, -37.7522</a>

# Details

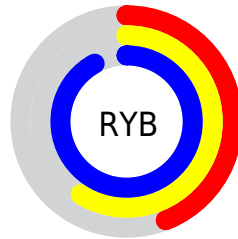
The Android color `4285638890` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293571441`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4289454079`, and `4281627826` is the 20% darker color. If you saturate the color by 10%, you get `4284128234`, and if you desaturate by 10%, it is `4287149546`.

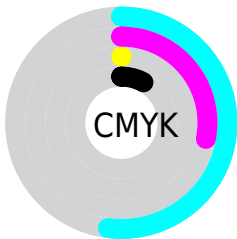
# Distribution



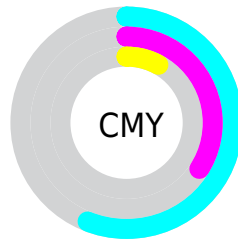
- Red (44%)
- Green (66%)
- Blue (92%)



- Red (44%)
- Yellow (59%)
- Blue (92%)



- Cyan (52%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)

















- Cyan (56%)
- Magenta (34%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285638890 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 4285638890 by changing the saturation by 10% instead.



 4285638890	 4285638890
4294967295	 4283731662
 4289454079	 4281627826
 4291361791	 4278279319
 4293328895	 4278207869
	 4278202212
	 4278197067
	 4278191156
	 4278190622
	 4278190080

■ 4285638890

■ 4285638890

■ 4284128234

■ 4287149546

■ 4282552042

■ 4288725738

■ 4281041642

■ 4290236138

■ 4279465450

■ 4291812330

■ 4278217450

■ 4293322986

■ 4294833642

■ 4294967274

# Harmonies

## Analogous

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



4280922592



4285638890



4289305825

# Triad

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



4285638890



4293364867



4285379713

# Complementary

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



4285638890



4293571441

# 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.



4288130407



4285638890



4292319081

# Square

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



4285638890



4293298598



4290487134



4281972644

# Rectangle

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



4285638890



4291138514



4290487134



4286296695

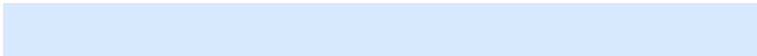


# Sweetspot

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



4285638890



4292274687



4285655730



4284969600



4278190080



4286611584



# Same Dimension

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



4285638890



4284590591



4285886954



4285165429



4278211253



4278196278



# Inverse Universe

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



4293554600



4294926761



4293323377



4285885039



4290052178

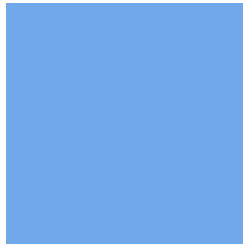


4281729048



# Previews

## White Background



This preview shows how the Android color 4285638890 looks on a white background.

## Color Contrast Check

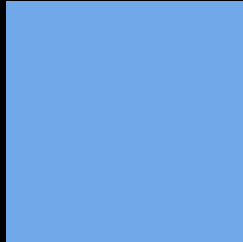
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4285638890 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 ✓ Pass

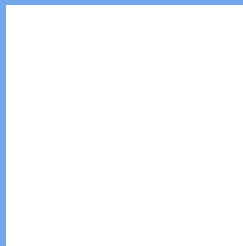
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285638890 Background



This preview shows how black text looks on a background with the Android color 4285638890.



This preview shows how white text looks on a background with the Android color 4285638890.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285638890 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, 168, 234)` looks like.

```
.text, #text, p{  
    color:rgb(113, 168, 234)  
}
```

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, 168, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 168, 234) }
```

## Border

The CSS property to change the border of an element to Android 4285638890 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, 168, 234) }
```

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

```
.border{ border-color:rgb(113, 168, 234) }
```

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

Here you see how a box with a 4 pixel rgb(113, 168, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 168, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 168, 234);  
box-shadow:4px 4px 4px 4px rgb(113, 168,  
234) }
```

# Background

The CSS property to change the background color of an element to Android 4285638890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 168, 234) }
```

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

```
.background{ background-color: rgb(113,  
168, 234) }
```

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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