

Converting Colors

Android(4285633762)

Have a look what the booklet for
Android(4285633762) contains.

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Color

Android(4285633762)

Conversions

Conversions Part 1

Format	Color
Hex	7194E2
RGB	113, 148, 226
RGB Percent	44%, 58%, 89%
CMY	0.5569, 0.4196, 0.1137
CMYK	0.50, 0.35, 0.00, 0.11
HSL	221°, 66%, 66%
HSV	221°, 50%, 89%
XYZ	31.1274, 30.1815, 76.1365
YIQ	146.4270, -45.8980, 16.8380

Conversions

Conversions Part 2

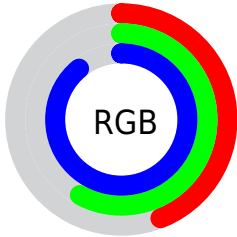
Format	Color
RYB	113, 140, 226
Decimal	7443682
CIELab	61.81, 9.25, -43.36
CIELCh	62, 44.338, 282.048
Yxy	30.1815, 0.2265, 0.2196
Android (android.graphics.Color)	4285633762 (0xFF7194E2)
YUV	146.4270, 39.2295, -29.3155
Hunter-Lab	54.9377, 4.9962, -43.7119

Details

The Android color `4285633762` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293050225`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4289383167`, and `4281754282` is the 20% darker color. If you saturate the color by 10%, you get `4284122338`, and if you desaturate by 10%, it is `4287145186`.

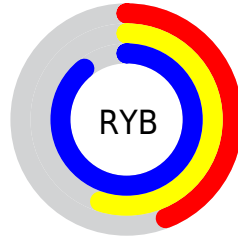
Distribution



Red (44%)

Green (58%)

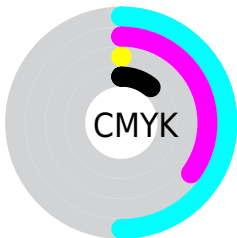
Blue (89%)



Red (44%)

Yellow (55%)

Blue (89%)

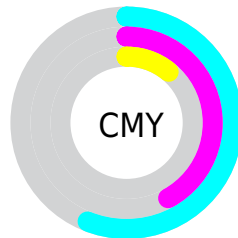


Cyan (50%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (56%)















Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285633762 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 4285633762 by changing the saturation by 10% instead.

 4285633762	 4285633762
4294967295	 4283726534
 4289383167	 4281754282
 4291290879	 4278930063
 4293263359	 4278203509
	 4278198364
	 4278191940
	 4278190893
	 4278190360
	 4278190080

■ 4285633762

■ 4285633762

■ 4284122338

■ 4287145186

■ 4282676706

■ 4288590818

■ 4281165282

■ 4290102242

■ 4279719650

■ 4291547874

■ 4278208226

■ 4293059298

■ 4294570722

■ 4294967266

Harmonies

Analogous

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



4278231263



4285633762



4289562064

Triad

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



4285633762



4292377955



4281837692

Complementary

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



4285633762



4293050225

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.



4285702745



4285633762



4290874186

Square

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



4285633762



4292900231



4288583750



4278233508

Rectangle

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



4285633762



4291329211



4288583750



4283410031

Sweetspot

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



4285633762



4292470271



4285653694



4285100160



4278190080



4286611584

Same Dimension

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



4285633762



4284913151



4287001058



4284835952



4278204080



4278193968

Inverse Universe

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



4293030292



4294928021



4291682929



4285556072



4289724470



4281335823

Previews

White Background



This preview shows how the Android color 4285633762 looks on a white background.

Color Contrast Check

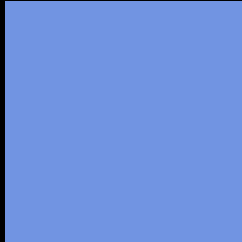
Large Text (above 18pt) WCAG AA × Fail

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 4285633762 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 4285633762 Background



This preview shows how black text looks on a background with the Android color 4285633762.

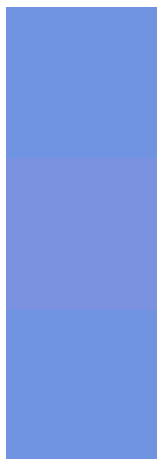


This preview shows how white text looks on a background with the Android color 4285633762.

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

4285633762

Protanopia

4286223072

Deuteranopia

4285568226

Trichromacy



Original Color
4285633762

Protanomaly
4286026721

Deuteranomaly
4285568226

Tritanomaly
4284914624

Monochromacy



Original Color
4285633762

Achromatopsia
4287795858

Achromatomaly
4287009711

CSS Examples

Text

The CSS property to change the color of the text to Android 4285633762 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(113, 148, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 148, 226) }
```

Border

The CSS property to change the border of an element to Android 4285633762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

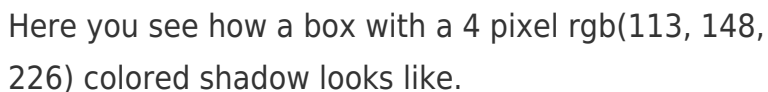
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 148, 226) }
```

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

```
.border{ border-color:rgb(113, 148, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 148, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 148, 226); box-shadow:4px 4px 4px 4px rgb(113, 148, 226) }
```

Background

The CSS property to change the background color of an element to Android 4285633762 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, 226) }
```

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

```
.background{ background-color: rgb(113,  
148, 226) }
```

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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