

Converting Colors

Android(4285907682)

Have a look what the booklet for
Android(4285907682) contains.

Android(4285907682)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285907682)

Conversions

Conversions Part 1

Format	Color
Hex	75C2E2
RGB	117, 194, 226
RGB Percent	46%, 76%, 89%
CMY	0.5412, 0.2392, 0.1137
CMYK	0.48, 0.14, 0.00, 0.11
HSL	198°, 65%, 67%
HSV	198°, 48%, 89%
XYZ	40.3554, 47.8565, 79.0618
YIQ	174.6250, -56.1640, -6.3720

Conversions

Conversions Part 2

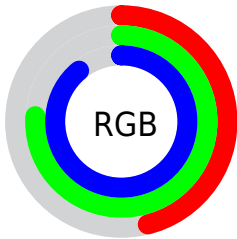
Format	Color
R _Y B	117, 162, 226
Decimal	7717602
CIE Lab	74.73, -15.30, -23.32
CIE LCh	75, 27.892, 236.744
Yxy	47.8565, 0.2413, 0.2861
Android (android.graphics.Color)	4285907682 (0xFF75C2E2)
YUV	174.6250, 25.3279, -50.5371
Hunter-Lab	69.1784, -16.9337, -19.3358

Details

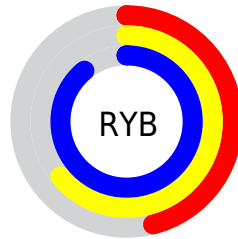
The Android color `4285907682` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4293039477`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4289657855`, and `4282027179` is the 20% darker color. If you saturate the color by 10%, you get `4284398562`, and if you desaturate by 10%, it is `4287416802`.

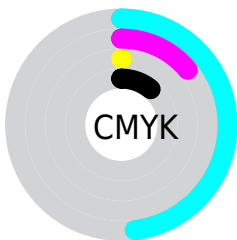
Distribution



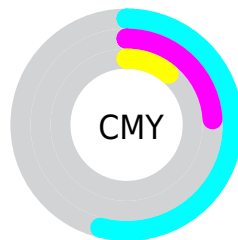
- Red (46%)
- Green (76%)
- Blue (89%)



- Red (46%)
- Yellow (64%)
- Blue (89%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (54%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285907682 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 4285907682 by changing the saturation by 10% instead.

 4285907682


 4285907682

4294967295

 4284000198

 4289657855

 4282027179

 4291624959

 4279399312

 4293525503

 4278213238

 4278207326

 4278201414

 4278196527

 4278190362

 4278190080

■ 4285907682

■ 4285907682

■ 4284398562

■ 4287416802

■ 4282955234

■ 4288860130

■ 4281446114

■ 4290369250

■ 4280002530

■ 4291812834

■ 4278493666

■ 4293321698

■ 4278231266

■ 4294830818

■ 4294963426

■ 4294965218

■ 4294967010

Harmonies

Analogous

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



4285253326



4285907682



4287937515

Triad

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



4285907682



4293436860



4289904010

Complementary

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



4285907682



4293039477

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.



4291671429



4285907682



4293699490

Square

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



4285907682



4292258516



4293045646



4288005019

Rectangle

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



4285907682



4289508841



4293045646



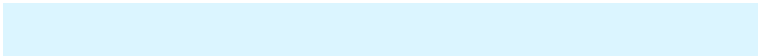
4290558854

Sweetspot

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



4285907682



4292605439



4285915796



4285168000



4278190080



4286611584

Same Dimension

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



4285907682



4285256959



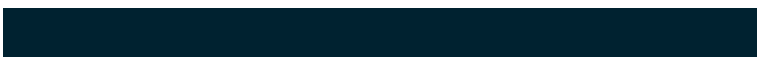
4285894114



4284837232



4278222000



4278198832

Inverse Universe

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



4293031362



4294929364



4293053045



4285556077



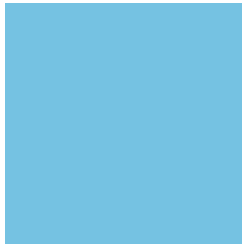
4289724540



4281335842

Previews

White Background



This preview shows how the Android color 4285907682 looks on a white background.

Color Contrast Check

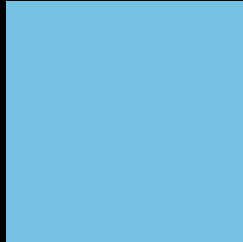
Large Text (above 18pt) WCAG AA × Fail

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 4285907682 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 4285907682 Background



This preview shows how black text looks on a background with the Android color 4285907682.



This preview shows how white text looks on a background with the Android color 4285907682.

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



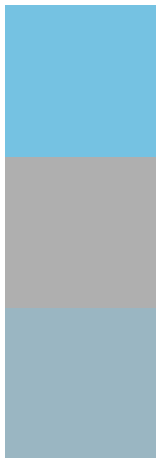
Original Color
4285907682

Protanomaly
4288395996

Deuteranomaly
4288395492

Tritanomaly
4285711321

Monochromacy



Original Color
4285907682

Achromatopsia
4289703855

Achromatomaly
4288329410

CSS Examples

Text

The CSS property to change the color of the text to Android 4285907682 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(117, 194, 226)` looks like.

```
.text, #text, p{  
    color:rgb(117, 194, 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(117, 194, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 194, 226) }
```

Border

The CSS property to change the border of an element to Android 4285907682 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(117, 194, 226) }
```

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

```
.border{ border-color:rgb(117, 194, 226) }
```

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

Here you see how a box with a 4 pixel rgb(117, 194, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 194, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 194, 226);  
box-shadow:4px 4px 4px 4px rgb(117, 194,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4285907682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 194, 226) }
```

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

```
.background{ background-color: rgb(117,  
194, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor