

# Converting Colors

Android(4285642466)

Have a look what the booklet for  
Android(4285642466) contains.

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# **Color**

**Android(4285642466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71B6E2
RGB	113, 182, 226
RGB Percent	44%, 71%, 89%
CMY	0.5569, 0.2863, 0.1137
CMYK	0.50, 0.19, 0.00, 0.11
HSL	203°, 66%, 66%
HSV	203°, 50%, 89%
XYZ	37.2655, 42.4576, 78.1825
YIQ	166.3850, -55.2480, -0.9440

# Conversions

## Conversions Part 2

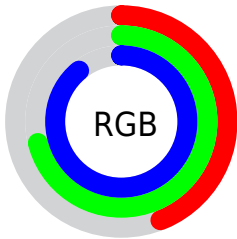
Format	Color
<a href="#">RYB</a>	<a href="#">113, 156, 226</a>
Decimal	<a href="#">7452386</a>
CIELab	<a href="#">71.19, -9.84, -28.77</a>
CIElCh	<a href="#">71, 30.412, 251.112</a>
Yxy	<a href="#">42.4576, 0.2360, 0.2689</a>
Android (android.graphics.Color)	<a href="#">4285642466 (0xFF71B6E2)</a>
YUV	<a href="#">166.3850, 29.3902, -46.8186</a>
Hunter-Lab	<a href="#">65.1595, -11.9429, -25.5283</a>

# Details

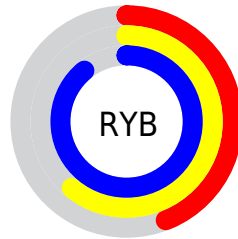
The Android color `4285642466` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4293041521`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4289392383`, and `4281696683` is the 20% darker color. If you saturate the color by 10%, you get `4284132834`, and if you desaturate by 10%, it is `4287152098`.

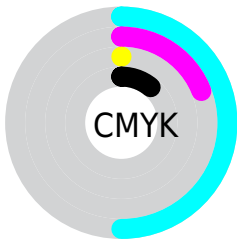
# Distribution



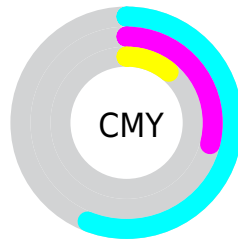
- Red (44%)
- Green (71%)
- Blue (89%)



- Red (44%)
- Yellow (61%)
- Blue (89%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (56%)
- Magenta (29%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285642466 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 4285642466 by changing the saturation by 10% instead.



 4285642466

 4285642466

4294967295

 4283734982

 4289392383

 4281696683

 4291297279

 4278675600

 4293263359

 4278210678

 4278204765

 4278199365

 4278193199

 4278190362

 4278190080

■ 4285642466

■ 4285642466

■ 4284132834

■ 4287152098

■ 4282688738

■ 4288596194

■ 4281179362

■ 4290105570

■ 4279735266

■ 4291549666

■ 4278225634

■ 4293059298

■ 4294568930

■ 4294964450

■ 4294966498

■ 4294967266

# Harmonies

## Analogous

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



4283940050



4285642466



4288261604

# Triad

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



4285642466



4293302949



4288264068

# Complementary

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



4285642466



4293041521

# 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.



4290228344



4285642466



4293041803

# Square

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



4285642466



4292517057



4291929978



4286102683

# Rectangle

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



4285642466



4290029534



4291929978



4288918910

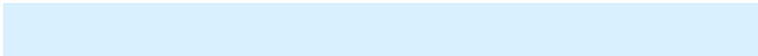


# Sweetspot

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



4285642466



4292473087



4285653660



4285101952



4278190080



4286611584



# Same Dimension

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



4285642466



4284924927



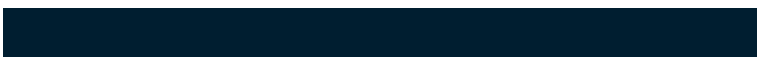
4285628130



4284836976



4278217648



4278197808



# Inverse Universe

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



4293030326



4294928067



4293055857



4285556076



4289724523

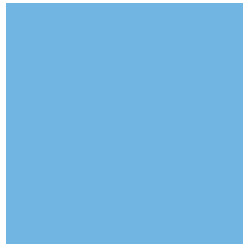


4281335838



# Previews

## White Background



This preview shows how the Android color 4285642466 looks on a white background.

## Color Contrast Check

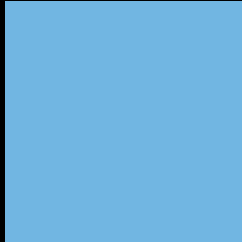
Large Text (above 18pt) WCAG AA × Fail

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 4285642466 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

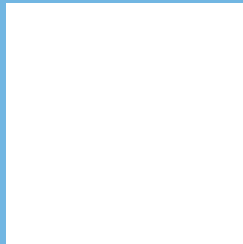
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285642466 Background



This preview shows how black text looks on a background with the Android color 4285642466.



This preview shows how white text looks on a background with the Android color 4285642466.

# 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**  
4285642466

**Protanomaly**  
4287672542

**Deuteranomaly**  
4287606755

**Tritanomaly**  
4285315538

# Monochromacy



**Original Color**  
4285642466

**Achromatopsia**  
4289111718

**Achromatomaly**  
4287868092

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285642466 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, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(113, 182, 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, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 182, 226) }
```

## Border

The CSS property to change the border of an element to Android 4285642466 is called "border". The border property can be set on classes, ids or directly on the HTML element.

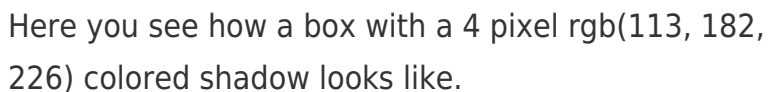
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 182, 226) }
```

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

```
.border{ border-color:rgb(113, 182, 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, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 182, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 182, 226); box-shadow:4px 4px 4px 4px rgb(113, 182, 226) }
```

# Background

The CSS property to change the background color of an element to Android 4285642466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 182, 226) }
```

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

```
.background{ background-color: rgb(113,  
182, 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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