

Converting Colors

Android(4285506806)

Have a look what the booklet for
Android(4285506806) contains.

Android(4285506806)	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(4285506806)

Conversions

Conversions Part 1

Format	Color
Hex	6FA4F6
RGB	111, 164, 246
RGB Percent	44%, 64%, 96%
CMY	0.5647, 0.3569, 0.0353
CMYK	0.55, 0.33, 0.00, 0.04
HSL	216°, 88%, 70%
HSV	216°, 55%, 96%
XYZ	36.4656, 36.5842, 92.3283
YIQ	157.5010, -57.9100, 14.2660

Conversions

Conversions Part 2

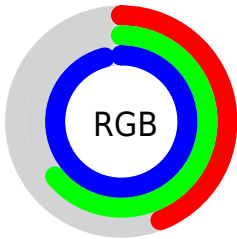
Format	Color
R_{YB}	111, 149, 246
Decimal	7316726
CIE _{Lab}	66.96, 5.71, -46.26
CIE _{LCh}	67, 46.612, 277.040
Yxy	36.5842, 0.2205, 0.2212
Android (android.graphics.Color)	4285506806 (0xFF6FA4F6)
YUV	157.5010, 43.6300, -40.7814
Hunter-Lab	60.4849, 1.7667, -48.1649

Details

The Android color `4285506806` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4294361455`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4289387519`, and `4281168317` is the 20% darker color. If you saturate the color by 10%, you get `4283864566`, and if you desaturate by 10%, it is `4287149046`.

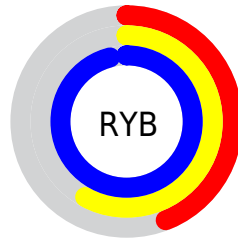
Distribution



Red (44%)

Green (64%)

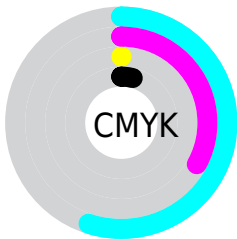
Blue (96%)



Red (44%)

Yellow (58%)

Blue (96%)

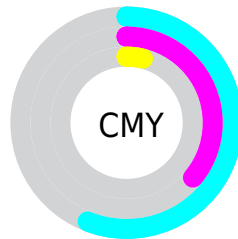


Cyan (55%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (56%)















Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285506806 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 4285506806 by changing the saturation by 10% instead.

 4285506806	 4285506806
4294967295	 4283468505
 4289387519	 4281168317
 4291360767	 4278213026
 4293328895	 4278207111
	 4278201453
	 4278196565
	 4278191677
	 4278190886
	 4278190351

■ 4285506806

■ 4285506806

■ 4283864566

■ 4287149046

■ 4282287862

■ 4288725750

■ 4280645622

■ 4290367990

■ 4279068918

■ 4291944694

■ 4278215158

■ 4293586934

■ 4294967030

■ 4294967286

Harmonies

Analogous

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



4278235375



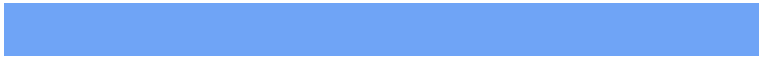
4285506806



4290024678

Triad

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



4285506806



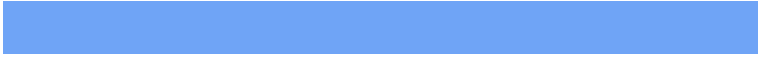
4293756787



4283283073

Complementary

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



4285506806



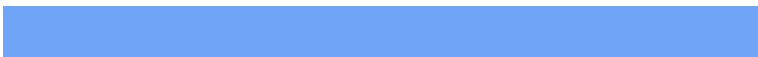
4294361455

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.



4287016798



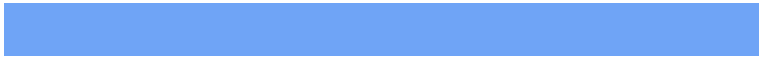
4285506806



4292318550

Square

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



4285506806



4294082715



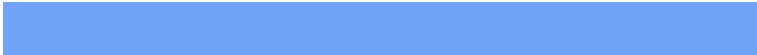
4289963085



4278237612

Rectangle

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



4285506806



4292053713



4289963085



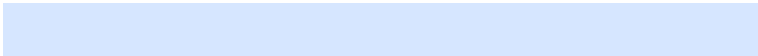
4284658804

Sweetspot

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



4285506806



4292273919



4285527744



4284969344



4278190080



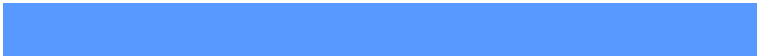
4286611584

Same Dimension

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



4285506806



4283931135



4286345206



4285428602



4278208954



4278196027

Inverse Universe

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



4294340516



4294924185



4293523055



4286213747



4290379849



4282056727

Previews

White Background



This preview shows how the Android color 4285506806 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 4285506806 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

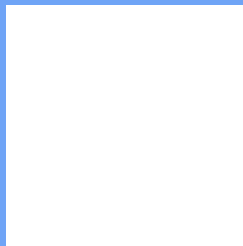
Any Text WCAG AAA ✓ Pass

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

Android 4285506806 Background



This preview shows how black text looks on a background with the Android color 4285506806.



This preview shows how white text looks on a background with the Android color 4285506806.

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
4285506806

Protanopia
4287012850

Deuteranopia
4286227191

Trichromacy



Original Color
4285506806

Protanomaly
4286489075

Deuteranomaly
4285965303

Tritanomaly
4284656594

Monochromacy



Original Color
4285506806

Achromatopsia
4288585374

Achromatomaly
4287471806

CSS Examples

Text

The CSS property to change the color of the text to Android 4285506806 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(111, 164, 246)` looks like.

```
.text, #text, p{  
    color:rgb(111, 164, 246)  
}
```

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(111, 164, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 164, 246) }
```

Border

The CSS property to change the border of an element to Android 4285506806 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(111, 164, 246) }
```

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

```
.border{ border-color:rgb(111, 164, 246) }
```

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

Here you see how a box with a 4 pixel rgb(111, 164, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 164, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 164, 246);  
box-shadow:4px 4px 4px 4px rgb(111, 164,  
246) }
```

Background

The CSS property to change the background color of an element to Android 4285506806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 164, 246) }
```

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

```
.background{ background-color: rgb(111,  
164, 246) }
```

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