

Converting Colors

Android(4285966042)

Have a look what the booklet for
Android(4285966042) contains.

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Color

Android(4285966042)

Conversions

Conversions Part 1

Format	Color
Hex	76A6DA
RGB	118, 166, 218
RGB Percent	46%, 65%, 85%
CMY	0.5373, 0.3490, 0.1451
CMYK	0.46, 0.24, 0.00, 0.15
HSL	211°, 57%, 66%
HSV	211°, 46%, 85%
XYZ	33.7623, 36.1859, 71.5348
YIQ	157.5760, -45.3000, 5.9960

Conversions

Conversions Part 2

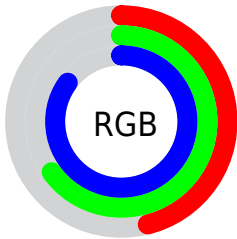
Format	Color
RYB	118, 150, 218
Decimal	7775962
CIELab	66.66, -2.19, -31.35
CIELCh	67, 31.423, 265.997
Yxy	36.1859, 0.2386, 0.2558
Android (android.graphics.Color)	4285966042 (0xFF76A6DA)
YUV	157.5760, 29.7890, -34.7082
Hunter-Lab	60.1548, -5.0863, -28.3981

Details

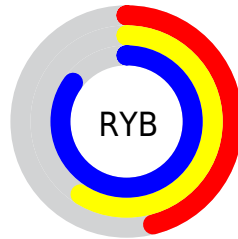
The Android color `4285966042` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292520566`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4289650175`, and `4282282659` is the 20% darker color. If you saturate the color by 10%, you get `4284521434`, and if you desaturate by 10%, it is `4287410650`.

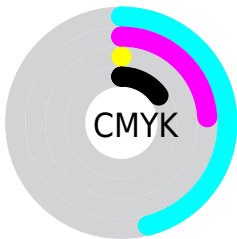
Distribution



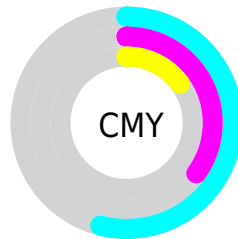
- Red (46%)
- Green (65%)
- Blue (85%)



- Red (46%)
- Yellow (59%)
- Blue (85%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285966042 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 4285966042 by changing the saturation by 10% instead.

 4285966042


 4285966042

4294967295

 4284124350

 4289650175

 4282282659

 4291557887

 4280113800

 4293459967

 4278207343

 4278201686

 4278196543

 4278190888

 4278190354

 4278190080

■ 4285966042

■ 4285966042

■ 4284521434

■ 4287410650

■ 4283076570

■ 4288855514

■ 4281697498

■ 4290234586

■ 4280252890

■ 4291679194

■ 4278808026

■ 4293124058

■ 4278217178

■ 4294568666

■ 4294964698

■ 4294967258

Harmonies

Analogous

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



4283346384



4285966042



4288781525

Triad

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



4285966042



4292513419



4286295682

Complementary

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



4285966042



4292520566

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.



4288456815



4285966042



4291794292

Square

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



4285966042



4292251047



4290355050



4284133789

Rectangle

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



4285966042



4290352842



4290355050



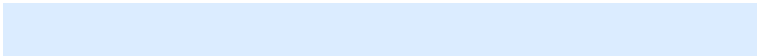
4287016058

Sweetspot

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



4285966042



4292603135



4285979306



4285166720



4278190080



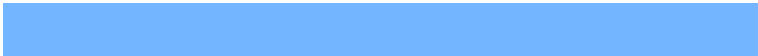
4286611584

Same Dimension

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



4285966042



4285773567



4286084826



4284704878



4278211501



4278195758

Inverse Universe

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



4292507302



4294931382



4292401782



4285424488



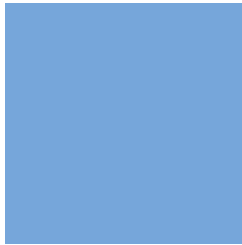
4289527891



4281204758

Previews

White Background



This preview shows how the Android color 4285966042 looks on a white background.

Color Contrast Check

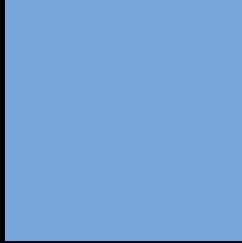
Large Text (above 18pt) WCAG AA × Fail

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 4285966042 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 4285966042 Background



This preview shows how black text looks on a background with the Android color 4285966042.



This preview shows how white text looks on a background with the Android color 4285966042.

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 4285966042 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(118, 166, 218)` looks like.

```
.text, #text, p{  
    color:rgb(118, 166, 218)  
}
```

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(118, 166, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 166, 218) }
```

Border

The CSS property to change the border of an element to Android 4285966042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

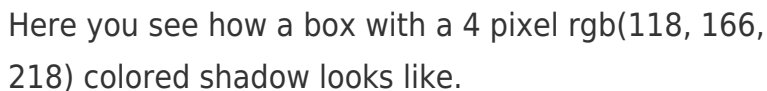
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 166, 218) }
```

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

```
.border{ border-color:rgb(118, 166, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 166, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 166, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 166, 218); box-shadow:4px 4px 4px 4px rgb(118, 166, 218) }
```

Background

The CSS property to change the background color of an element to Android 4285966042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 166, 218) }
```

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

```
.background{ background-color: rgb(118,  
166, 218) }
```

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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