

Converting Colors

Android(4283342066)

Have a look what the booklet for
Android(4283342066) contains.

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Color

Android(4283342066)

Conversions

Conversions Part 1

Format	Color
Hex	4E9CF2
RGB	78, 156, 242
RGB Percent	31%, 61%, 95%
CMY	0.6941, 0.3882, 0.0510
CMYK	0.68, 0.36, 0.00, 0.05
HSL	211°, 86%, 63%
HSV	211°, 68%, 95%
XYZ	31.0574, 31.8074, 88.5070
YIQ	142.4820, -74.0940, 10.2100

Conversions

Conversions Part 2

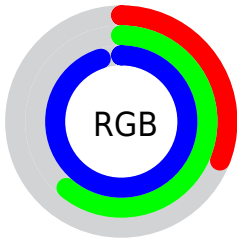
Format	Color
RYB	78, 131, 242
Decimal	5151986
CIELab	63.18, 3.08, -50.13
CIELCh	63, 50.225, 273.514
Yxy	31.8074, 0.2052, 0.2101
Android (android.graphics.Color)	4283342066 (0xFF4E9CF2)
YUV	142.4820, 49.0624, -56.5507
Hunter-Lab	56.3981, -0.4001, -53.5666

Details

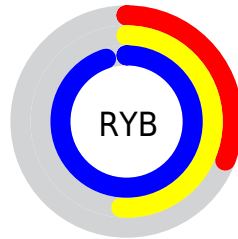
The Android color `4283342066` is a light color, and the websafe version is hex `3399FF`. The color can be described as light washed azure. A complement of this color would be `4294091854`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4287550207`, and `4278217145` is the 20% darker color. If you saturate the color by 10%, you get `4281765874`, and if you desaturate by 10%, it is `4284918258`.

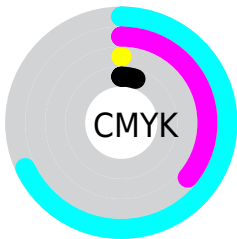
Distribution



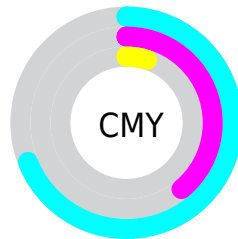
- Red (31%)
- Green (61%)
- Blue (95%)



- Red (31%)
- Yellow (51%)
- Blue (95%)



- Cyan (68%)
- Magenta (36%)
- Yellow (0%)
- Black (5%)



- Cyan (69%)
- Magenta (39%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283342066 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 4283342066 by changing the saturation by 10% instead.

 4283342066

 4283342066

4294967295


 4280582869

 4287550207

 4278217145

 4289588991

 4278211230

 4291559423

 4278205315

 4293591039

 4278199914

 4278194769

 4278191417

 4278190627

 4278190089

■ 4283342066

■ 4283342066

■ 4281765874

■ 4284918258

■ 4280189938

■ 4286494194

■ 4278548210

■ 4288135922

■ 4278219762

■ 4289712114

■ 4291288050

■ 4292864242

■ 4294440434

■ 4294967282

Harmonies

Analogous

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



4278233320



4283342066



4288908260

Triad

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



4283342066



4293425258



4282428527

Complementary

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



4283342066



4294091854

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.



4286555467



4283342066



4291987529

Square

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



4283342066



4293620373



4289632315



4278235037

Rectangle

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



4283342066



4291264463



4289632315



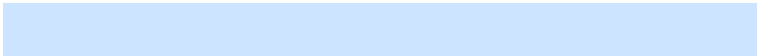
4284066402

Sweetspot

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



4283342066



4291618047



4283364003



4284575616



4278190080



4286611584

Same Dimension

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



4283342066



4281373695



4283518706



4285297272



4278212536



4278197048

Inverse Universe

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



4294069916



4294914195



4293915214



4286082162



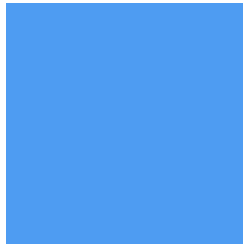
4290248791



4281860123

Previews

White Background



This preview shows how the Android color 4283342066 looks on a white background.

Color Contrast Check

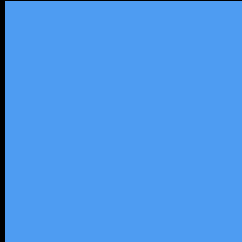
Large Text (above 18pt) WCAG AA × Fail

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 4283342066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

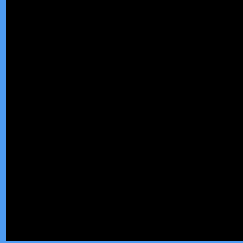
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

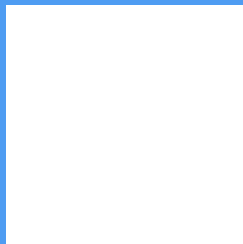
Any Text WCAG AAA ✓ Pass

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

Android 4283342066 Background



This preview shows how black text looks on a background with the Android color 4283342066.



This preview shows how white text looks on a background with the Android color 4283342066.

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](#).

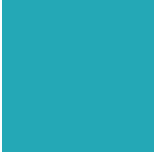
Dichromacy



Original Color
4283342066

Protanopia
4286092780

Deuteranopia
4284782835



Tritanopia
4280592566

Trichromacy



Original Color
4283342066

Protanomaly
4285110510

Deuteranomaly
4284258803

Tritanomaly
4281574604

Monochromacy



Original Color
4283342066

Achromatopsia
4287532686

Achromatomaly
4286026674

CSS Examples

Text

The CSS property to change the color of the text to Android 4283342066 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(78, 156, 242)` looks like.

```
.text, #text, p{  
    color:rgb(78, 156, 242)  
}
```

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(78, 156, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 156, 242) }
```

Border

The CSS property to change the border of an element to Android 4283342066 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(78, 156, 242) }
```

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

```
.border{ border-color:rgb(78, 156, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 156, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 156, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 156, 242);  
box-shadow:4px 4px 4px 4px rgb(78, 156,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4283342066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 156, 242) }
```

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

```
.background{ background-color: rgb(78, 156,  
242) }
```

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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