

Converting Colors

Android(4284196596)

Have a look what the booklet for
Android(4284196596) contains.

Android(4284196596)	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(4284196596)

Conversions

Conversions Part 1

Format	Color
Hex	5BA6F4
RGB	91, 166, 244
RGB Percent	36%, 65%, 96%
CMY	0.6431, 0.3490, 0.0431
CMYK	0.63, 0.32, 0.00, 0.04
HSL	211°, 87%, 66%
HSV	211°, 63%, 96%
XYZ	34.2797, 36.0282, 90.7354
YIQ	152.4670, -69.7380, 8.3580

Conversions

Conversions Part 2

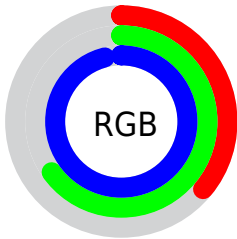
Format	Color
R _Y B	91, 141, 244
Decimal	6006516
CIE Lab	66.54, 0.12, -45.89
CIE LCh	67, 45.894, 270.156
Yxy	36.0282, 0.2129, 0.2237
Android (android.graphics.Color)	4284196596 (0xFF5BA6F4)
YUV	152.4670, 45.1258, -53.9066
Hunter-Lab	60.0235, -3.0989, -47.6100

Details

The Android color `4284196596` is a light color, and the websafe version is hex `3399FF`. The color can be described as light muted azure. A complement of this color would be `4294224219`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4288273919`, and `4278219707` is the 20% darker color. If you saturate the color by 10%, you get `4282620660`, and if you desaturate by 10%, it is `4285772532`.

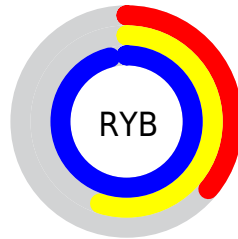
Distribution



Red (36%)

Green (65%)

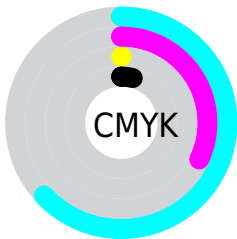
Blue (96%)



Red (36%)

Yellow (55%)

Blue (96%)

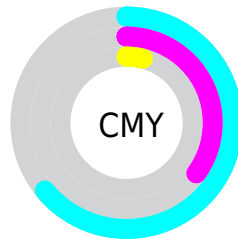


Cyan (63%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (64%)

Magenta (35%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284196596 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 4284196596 by changing the saturation by 10% instead.

 4284196596

 4284196596

4294967295

 4281896151

 4288273919

 4278219707

 4290247167

 4278213280

 4292214783

 4278207365

 4294246399

 4278201964

 4278196819

 4278191675

 4278190629

 4278190349

■ 4284196596

■ 4284196596

■ 4282620660

■ 4285772532

■ 4280978932

■ 4287414260

■ 4279402996

■ 4288990196

■ 4278221044

■ 4290631924

■ 4292207860

■ 4293784052

■ 4294966772

■ 4294967284

Harmonies

Analogous

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



4278235625



4284196596



4289042409

Triad

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



4284196596



4293821563



4284265335

Complementary

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



4284196596



4294224219

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.



4287671384



4284196596



4292579675

Square

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



4284196596



4293755043



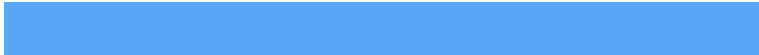
4290420813



4278237089

Rectangle

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



4284196596



4291333335



4290420813



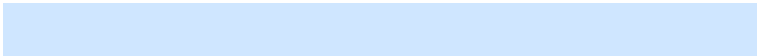
4285509995

Sweetspot

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



4284196596



4291815167



4284216487



4284641664



4278190080



4286611584

Same Dimension

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



4284196596



4282425087



4284177396



4285428858



4278213562



4278197563

Inverse Universe

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



4294204326



4294918301



4294243419



4286213748



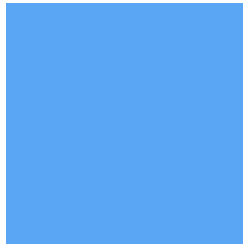
4290379867



4282056733

Previews

White Background



This preview shows how the Android color 4284196596 looks on a white background.

Color Contrast Check

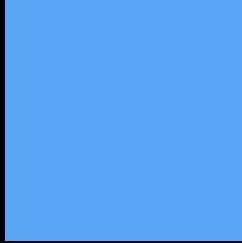
Large Text (above 18pt) WCAG AA × Fail

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 4284196596 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

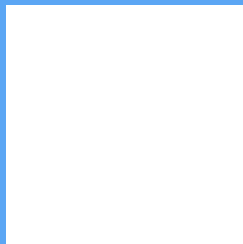
Any Text WCAG AAA ✓ Pass

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

Android 4284196596 Background



This preview shows how black text looks on a background with the Android color 4284196596.



This preview shows how white text looks on a background with the Android color 4284196596.

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 4284196596 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(91, 166, 244)` looks like.

```
.text, #text, p{  
    color:rgb(91, 166, 244)  
}
```

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(91, 166, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 166, 244) }
```

Border

The CSS property to change the border of an element to Android 4284196596 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(91, 166, 244) }
```

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

```
.border{ border-color:rgb(91, 166, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 166, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 166, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 166, 244);  
box-shadow:4px 4px 4px 4px rgb(91, 166,  
244) }
```

Background

The CSS property to change the background color of an element to Android 4284196596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 166, 244) }
```

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

```
.background{ background-color: rgb(91, 166,  
244) }
```

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