

Converting Colors

Android(4284712419)

Have a look what the booklet for
Android(4284712419) contains.

Android(4284712419)	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(4284712419)

Conversions

Conversions Part 1

Format	Color
Hex	6385E3
RGB	99, 133, 227
RGB Percent	39%, 52%, 89%
CMY	0.6118, 0.4784, 0.1098
CMYK	0.56, 0.41, 0.00, 0.11
HSL	224°, 70%, 64%
HSV	224°, 56%, 89%
XYZ	27.3982, 24.9738, 76.0494
YIQ	133.5500, -50.4380, 22.0260

Conversions

Conversions Part 2

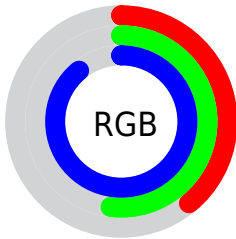
Format	Color
R _Y B	99, 126, 227
Decimal	6522339
CIE Lab	57.05, 15.42, -51.50
CIE LCh	57, 53.761, 286.670
Yxy	24.9738, 0.2133, 0.1945
Android (android.graphics.Color)	4284712419 (0xFF6385E3)
YUV	133.5500, 46.0708, -30.3004
Hunter-Lab	49.9738, 10.4091, -55.2451

Details

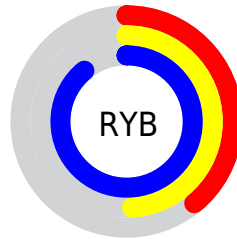
The Android color `4284712419` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293116259`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4288592639`, and `4280177835` is the 20% darker color. If you saturate the color by 10%, you get `4283200739`, and if you desaturate by 10%, it is `4286224099`.

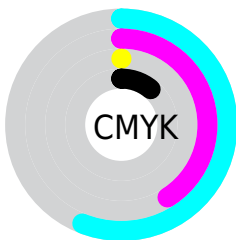
Distribution



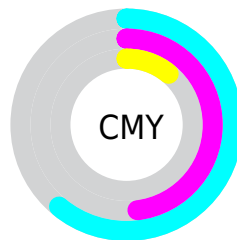
- Red (39%)
- Green (52%)
- Blue (89%)



- Red (39%)
- Yellow (49%)
- Blue (89%)



- Cyan (56%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (61%)
- Magenta (48%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284712419 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 4284712419 by changing the saturation by 10% instead.

 4284712419

 4284712419

4294967295

 4282674375

 4288592639

 4280177835

 4290500095

 4278205840

 4292473599

 4278200438

 4294443007

 4278195805

 4278191428

 4278190893

 4278190359

 4278190080

■ 4284712419

■ 4284712419

■ 4283200739

■ 4286224099

■ 4281754851

■ 4287669987

■ 4280243171

■ 4289181667

■ 4278731491

■ 4290693347

■ 4278205667

■ 4292139235

■ 4293650915

■ 4294965987

■ 4294967267

Harmonies

Analogous

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



4278228196



4284712419



4289556938

Triad

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



4284712419



4291980614



4278230642

Complementary

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



4284712419



4293116259

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.



4283603269



4284712419



4289953576

Square

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



4284712419



4292829041



4287205158



4278231202

Rectangle

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



4284712419



4291454383



4287205158



4278230370

Sweetspot

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



4284712419



4292141055



4284736449



4284902784



4278190080



4286611584

Same Dimension

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



4284712419



4283597055



4286669795



4284967539



4278202291



4278193715

Inverse Universe

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



4293092229



4294922880



4291158883



4285753194



4289921071



4281532430

Previews

White Background



This preview shows how the Android color 4284712419 looks on a white background.

Color Contrast Check

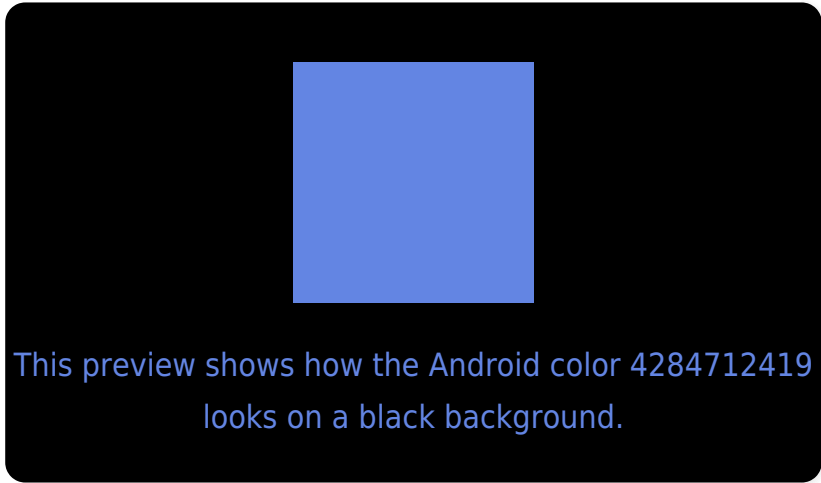
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

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

Android 4284712419 Background



This preview shows how black text looks on a background with the Android color 4284712419.

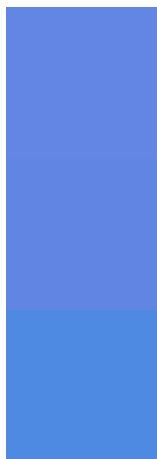


This preview shows how white text looks on a background with the Android color 4284712419.

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

4284712419

Protanopia

4284581347

Deuteranopia

4283337186

Trichromacy



Original Color
4284712419

Protanomaly
4284646883

Deuteranomaly
4283861218

Tritanomaly
4283600824

Monochromacy



Original Color
4284712419

Achromatopsia
4287006342

Achromatomaly
4286154408

CSS Examples

Text

The CSS property to change the color of the text to Android 4284712419 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(99, 133, 227)` looks like.

```
.text, #text, p{  
    color:rgb(99, 133, 227)  
}
```

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(99, 133, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 133, 227) }
```

Border

The CSS property to change the border of an element to Android 4284712419 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(99, 133, 227) }
```

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

```
.border{ border-color:rgb(99, 133, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 133, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 133, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 133, 227);  
box-shadow:4px 4px 4px 4px rgb(99, 133,  
227) }
```

Background

The CSS property to change the background color of an element to Android 4284712419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 133, 227) }
```

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

```
.background{ background-color: rgb(99, 133,  
227) }
```

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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