

Converting Colors

Android(4284317629)

Have a look what the booklet for
Android(4284317629) contains.

Android(4284317629)	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(4284317629)

Conversions

Conversions Part 1

Format	Color
Hex	5D7FBD
RGB	93, 127, 189
RGB Percent	36%, 50%, 74%
CMY	0.6353, 0.5020, 0.2588
CMYK	0.51, 0.33, 0.00, 0.26
HSL	219°, 42%, 55%
HSV	219°, 51%, 74%
XYZ	21.2889, 21.1800, 51.1102
YIQ	123.9020, -40.1660, 12.0740

Conversions

Conversions Part 2

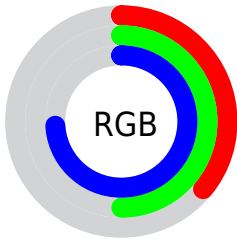
Format	Color
R _Y B	93, 118, 189
Decimal	6127549
CIE Lab	53.15, 5.61, -36.22
CIE LCh	53, 36.648, 278.802
Yxy	21.1800, 0.2275, 0.2263
Android (android.graphics.Color)	4284317629 (0xFF5D7FBD)
YUV	123.9020, 32.0933, -27.1011
Hunter-Lab	46.0218, 2.0330, -33.6303

Details

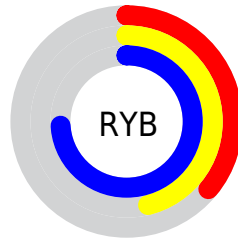
The Android color `4284317629` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4290616157`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4287935478`, and `4280438407` is the 20% darker color. If you saturate the color by 10%, you get `4283069373`, and if you desaturate by 10%, it is `4285565885`.

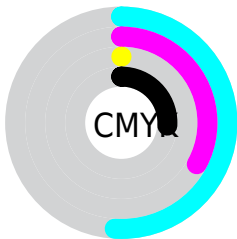
Distribution



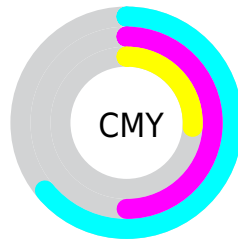
- Red (36%)
- Green (50%)
- Blue (74%)



- Red (36%)
- Yellow (46%)
- Blue (74%)



- Cyan (51%)
- Magenta (33%)
- Yellow (0%)
- Black (26%)



- Cyan (64%)
- Magenta (50%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284317629 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 4284317629 by changing the saturation by 10% instead.

■ 4284317629

■ 4284317629

4294967295

■ 4282476194

■ 4287935478

■ 4280438407

■ 4289777663

■ 4278204526

■ 4291685375

■ 4278199125

■ 4293591039

■ 4278193469

■ 4278190887

■ 4278190352

■ 4278190080

■ 4284317629

■ 4284317629

■ 4283069373

■ 4285565885

■ 4281821117

■ 4286814141

■ 4280572605

■ 4288062653

■ 4279324349

■ 4289310909

■ 4278207421

■ 4290493629

■ 4291741885

■ 4292990141

■ 4294238653

■ 4294962621

Harmonies

Analogous

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



4278225081



4284317629



4287525808

Triad

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



4284317629



4290210649



4282224231

Complementary

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



4284317629



4290616157

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.



4284975180



4284317629



4289033540

Square

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



4284317629



4290471287



4287201343



4278226823

Rectangle

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



4284317629



4289031328



4287201343



4283272285

Sweetspot

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



4284317629



4291878389



4284333466



4284771450



4294638330



4286216826

Same Dimension

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



4284317629



4284454133



4285160893



4283783262



4278204574



4278192927

Inverse Universe

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



4290600319



4294270868



4289772893



4284372312



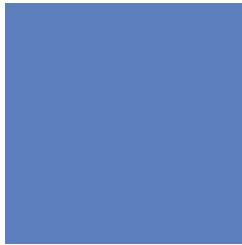
4288544824



4280221707

Previews

White Background



This preview shows how the Android color 4284317629 looks on a white background.

Color Contrast Check

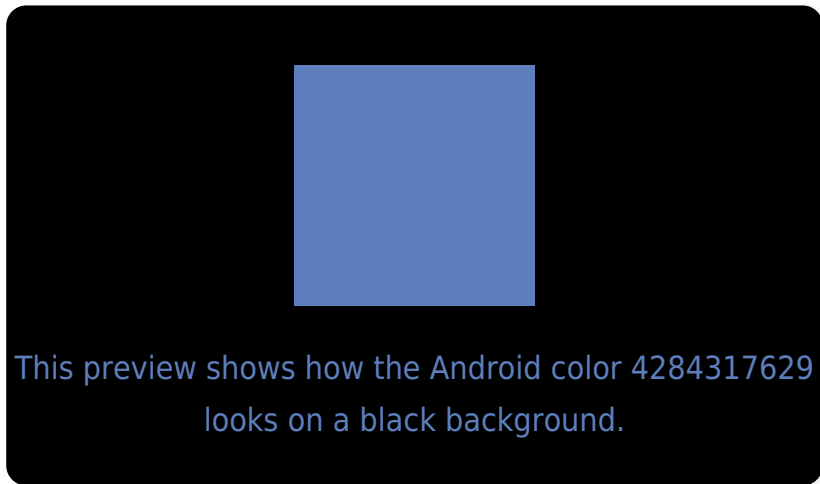
Large Text (above 18pt) WCAG AA ✓ Pass

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

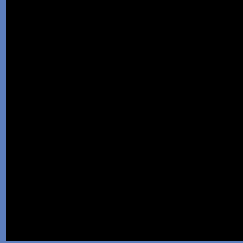
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

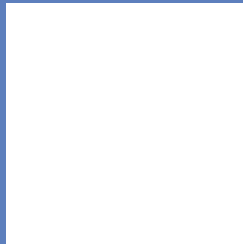
Any Text WCAG AAA × Fail

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

Android 4284317629 Background



This preview shows how black text looks on a background with the Android color 4284317629.

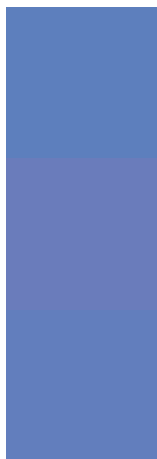


This preview shows how white text looks on a background with the Android color 4284317629.

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

4284317629

Protanopia

4285168827

Deuteranopia

4284645053

Trichromacy



Original Color
4284317629

Protanomaly
4284841404

Deuteranomaly
4284513981

Tritanomaly
4283729058

Monochromacy



Original Color
4284317629

Achromatopsia
4286348412

Achromatomaly
4285627796

CSS Examples

Text

The CSS property to change the color of the text to Android 4284317629 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(93, 127, 189)` looks like.

```
.text, #text, p{  
    color:rgb(93, 127, 189)  
}
```

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(93, 127, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 127, 189) }
```

Border

The CSS property to change the border of an element to Android 4284317629 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(93, 127, 189) }
```

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

```
.border{ border-color:rgb(93, 127, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 127, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 127, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 127, 189);  
box-shadow:4px 4px 4px 4px rgb(93, 127,  
189) }
```

Background

The CSS property to change the background color of an element to Android 4284317629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 127, 189) }
```

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

```
.background{ background-color: rgb(93, 127,  
189) }
```

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