

Converting Colors

Android(4285167304)

Have a look what the booklet for
Android(4285167304) contains.

Android(4285167304)	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(4285167304)

Conversions

Conversions Part 1

Format	Color
Hex	6A76C8
RGB	106, 118, 200
RGB Percent	42%, 46%, 78%
CMY	0.5843, 0.5373, 0.2157
CMYK	0.47, 0.41, 0.00, 0.22
HSL	232°, 46%, 60%
HSV	232°, 47%, 78%
XYZ	22.8476, 20.1912, 57.3367
YIQ	123.7600, -33.4740, 22.9580

Conversions

Conversions Part 2

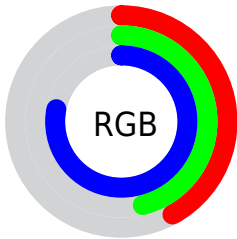
Format	Color
R _{YB}	106, 117, 200
Decimal	6977224
CIE Lab	52.05, 17.56, -44.17
CIE LCh	52, 47.535, 291.676
Yxy	20.1912, 0.2276, 0.2012
Android (android.graphics.Color)	4285167304 (0xFF6A76C8)
YUV	123.7600, 37.5863, -15.5755
Hunter-Lab	44.9346, 12.1253, -44.2000

Details

The Android color `4285167304` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4291345514`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4288850687`, and `4281419409` is the 20% darker color. If you saturate the color by 10%, you get `4283852232`, and if you desaturate by 10%, it is `4286482376`.

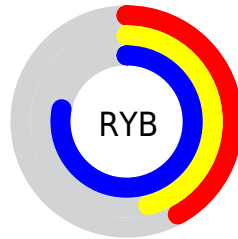
Distribution



Red (42%)

Green (46%)

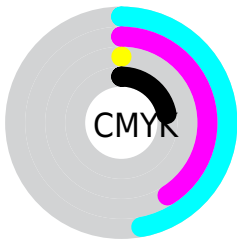
Blue (78%)



Red (42%)

Yellow (46%)

Blue (78%)

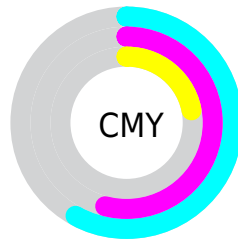


Cyan (47%)

Magenta (41%)

Yellow (0%)

Black (22%)



Cyan (58%)

Magenta (54%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285167304 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 4285167304 by changing the saturation by 10% instead.

■ 4285167304

■ 4285167304

4294967295

■ 4283325868

■ 4288850687

■ 4281419409

■ 4290692607

■ 4278923383

■ 4292600319

■ 4278197342

■ 4294508287

■ 4278190406

■ 4278191151

■ 4278190361

■ 4278190080

■ 4285167304

■ 4285167304

■ 4283852232

■ 4286482376

■ 4282536904

■ 4287797704

■ 4281221832

■ 4289112776

■ 4279906504

■ 4290428104

■ 4278591432

■ 4291743176

■ 4278196936

■ 4293058504

■ 4294373576

■ 4294967240

Harmonies

Analogous

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



4278224077



4285167304



4288898479

Triad

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



4285167304



4290340413



4278226799

Complementary

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



4285167304



4291345514

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.



4282682183



4285167304



4288443943

Square

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



4285167304



4291254880



4285956907



4278227097

Rectangle

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



4285167304



4290337943



4285956907



4278226529

Sweetspot

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



4285167304



4292600063



4285188283



4285164928



4278190080



4286611584

Same Dimension

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



4285167304



4285563647



4287392456



4284111715



4278195619



4278191396

Inverse Universe

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



4291324534



4294930562



4289120362



4284701275



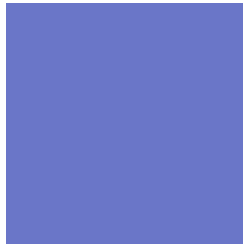
4288872469



4280549381

Previews

White Background



This preview shows how the Android color 4285167304 looks on a white background.

Color Contrast Check

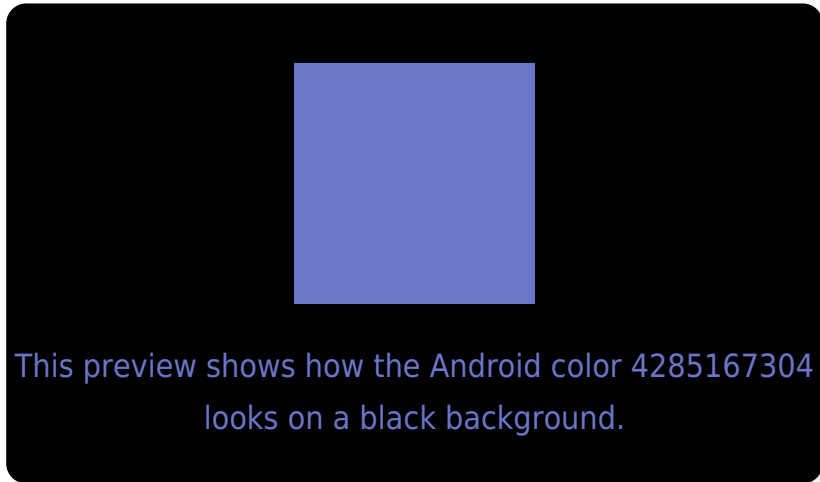
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285167304 Background



This preview shows how black text looks on a background with the Android color 4285167304.

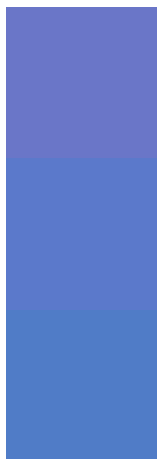


This preview shows how white text looks on a background with the Android color 4285167304.

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
4285167304

Protanopia
4284185035

Deuteranopia
4283464903

Trichromacy



Original Color
4285167304

Protanomaly
4284512458

Deuteranomaly
4284054215

Tritanomaly
4284448418

Monochromacy



Original Color
4285167304

Achromatopsia
4286348412

Achromatomaly
4285889176

CSS Examples

Text

The CSS property to change the color of the text to Android 4285167304 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(106, 118, 200)` looks like.

```
.text, #text, p{  
    color:rgb(106, 118, 200)  
}
```

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(106, 118, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 118, 200) }
```

Border

The CSS property to change the border of an element to Android 4285167304 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(106, 118, 200) }
```

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

```
.border{ border-color:rgb(106, 118, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 118, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 118, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 118, 200);  
box-shadow:4px 4px 4px 4px rgb(106, 118,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4285167304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 118, 200) }
```

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

```
.background{ background-color: rgb(106,  
118, 200) }
```

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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