

Converting Colors

Android(4285111017)

Have a look what the booklet for
Android(4285111017) contains.

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Color

Android(4285111017)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 699AE9 |
| RGB | 105, 154, 233 |
| RGB Percent | 41%, 60%, 91% |
| CMY | 0.5882, 0.3961, 0.0863 |
| CMYK | 0.55, 0.34, 0.00, 0.09 |
| HSL | 217°, 74%, 66% |
| HSV | 217°, 55%, 91% |
| XYZ | 32.0893, 31.9977, 81.5757 |
| YIQ | 148.3550, -54.5630, 14.1810 |

Conversions

Conversions Part 2

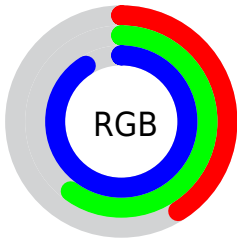
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 105, 140, 233 |
| Decimal | 6920937 |
| CIE Lab | 63.34, 6.17, -44.85 |
| CIE LCh | 63, 45.276, 277.835 |
| Yxy | 31.9977, 0.2203, 0.2197 |
| Android (android.graphics.Color) | 4285111017 (0xFF699AE9) |
| YUV | 148.3550, 41.7300, -38.0223 |
| Hunter-Lab | 56.5665, 2.2690, -45.9068 |

Details

The Android color `4285111017` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293507177`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4288991487`, and `4280838065` is the 20% darker color. If you saturate the color by 10%, you get `4283600105`, and if you desaturate by 10%, it is `4286621929`.

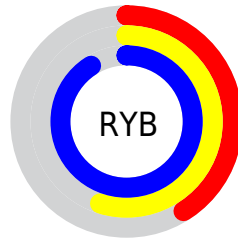
Distribution



Red (41%)

Green (60%)

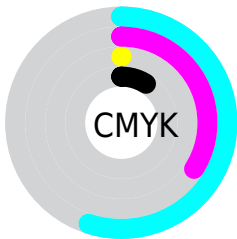
Blue (91%)



Red (41%)

Yellow (55%)

Blue (91%)

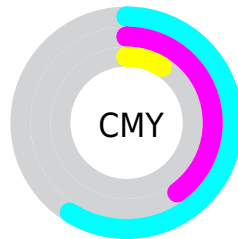


Cyan (55%)

Magenta (34%)

Yellow (0%)

Black (9%)



Cyan (59%)















Magenta (40%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285111017 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 4285111017 by changing the saturation by 10% instead.

| | |
|--|--|
|  4285111017 |  4285111017 |
| 4294967295 |  4283138253 |
|  4288991487 |  4280838065 |
|  4290899199 |  4278210710 |
|  4292804607 |  4278204796 |
| 4294836223 |  4278199650 |
| |  4278193994 |
| |  4278191155 |
| |  4278190621 |
| |  4278190080 |

■ 4285111017

■ 4285111017

■ 4283600105

■ 4286621929

■ 4282023401

■ 4288198633

■ 4280512489

■ 4289709545

■ 4279001321

■ 4291220713

■ 4278213097

■ 4292797161

■ 4294308073

■ 4294967273

Harmonies

Analogous

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



4278232803



4285111017



4289432537

Triad

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



4285111017



4292902506



4282690682

Complementary

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



4285111017



4293507177

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.



4286358871



4285111017



4291464270

Square

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



4285111017



4293228688



4289174343



4278234787

Rectangle

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



4285111017



4291396037



4289174343



4284066413

Sweetspot

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



4285111017



4292273919



4285131192



4284969344



4278190080



4286611584

Same Dimension

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



4285111017



4283930623



4286081513



4285165173



4278207925



4278195254

Inverse Universe

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



4293487002



4294924183



4292536681



4285885038



4290052165



4281729044

Previews

White Background



This preview shows how the Android color 4285111017 looks on a white background.

Color Contrast Check

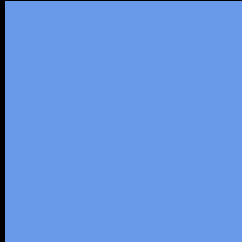
Large Text (above 18pt) WCAG AA × Fail

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 4285111017 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

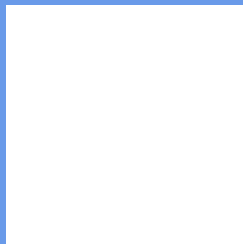
Any Text WCAG AAA ✓ Pass

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

Android 4285111017 Background



This preview shows how black text looks on a background with the Android color 4285111017.



This preview shows how white text looks on a background with the Android color 4285111017.

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
4285111017

Protanopia
4286420710

Deuteranopia
4285634793

Trichromacy



Original Color
4285111017

Protanomaly
4285962215

Deuteranomaly
4285438441

Tritanomaly
4284260806

Monochromacy



Original Color
4285111017

Achromatopsia
4287927444

Achromatomaly
4286879411

CSS Examples

Text

The CSS property to change the color of the text to Android 4285111017 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(105, 154, 233)` looks like.

```
.text, #text, p{  
    color:rgb(105, 154, 233)  
}
```

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(105, 154, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 154, 233) }
```

Border

The CSS property to change the border of an element to Android 4285111017 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(105, 154, 233) }
```

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

```
.border{ border-color:rgb(105, 154, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 154, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 154, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 154, 233);  
box-shadow:4px 4px 4px 4px rgb(105, 154,  
233) }
```

Background

The CSS property to change the background color of an element to Android 4285111017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 154, 233) }
```

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

```
.background{ background-color: rgb(105,  
154, 233) }
```

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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