

Converting Colors

Android(4284975067)

Have a look what the booklet for
Android(4284975067) contains.

Android(4284975067)	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(4284975067)

Conversions

Conversions Part 1

Format	Color
Hex	6787DB
RGB	103, 135, 219
RGB Percent	40%, 53%, 86%
CMY	0.5961, 0.4706, 0.1412
CMYK	0.53, 0.38, 0.00, 0.14
HSL	223°, 62%, 63%
HSV	223°, 53%, 86%
XYZ	27.0437, 25.3260, 70.4809
YIQ	135.0080, -46.0360, 19.3400

Conversions

Conversions Part 2

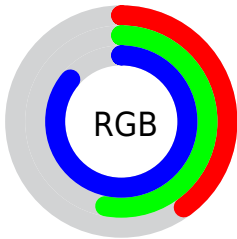
Format	Color
RYB	103, 128, 219
Decimal	6784987
CIELab	57.39, 12.52, -46.47
CIELCh	57, 48.127, 285.076
Yxy	25.3260, 0.2201, 0.2062
Android (android.graphics.Color)	4284975067 (0xFF6787DB)
YUV	135.0080, 41.4081, -28.0710
Hunter-Lab	50.3249, 7.8539, -47.8092

Details

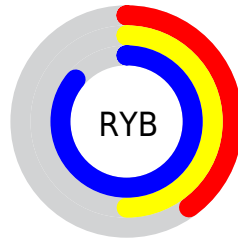
The Android color `4284975067` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4292590439`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4288724223`, and `4280899235` is the 20% darker color. If you saturate the color by 10%, you get `4283529179`, and if you desaturate by 10%, it is `4286420955`.

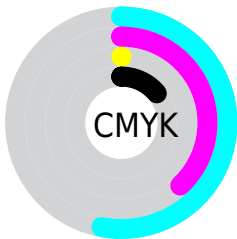
Distribution



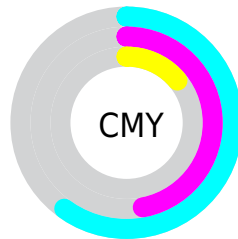
- Red (40%)
- Green (53%)
- Blue (86%)



- Red (40%)
- Yellow (50%)
- Blue (86%)



- Cyan (53%)
- Magenta (38%)
- Yellow (0%)
- Black (14%)



- Cyan (60%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284975067 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 4284975067 by changing the saturation by 10% instead.

 4284975067

 4284975067

4294967295

 4283068095

 4288724223

 4280899235

 4290631935

 4278206345

 4292605183

 4278200943

 4294574079

 4278196054

 4278191422

 4278190887

 4278190353

 4278190080

■ 4284975067

■ 4284975067

■ 4283529179

■ 4286420955

■ 4282083291

■ 4287866843

■ 4280637403

■ 4289312731

■ 4279191771

■ 4290758363

■ 4278205659

■ 4292138715

■ 4293584603

■ 4294964955

■ 4294967259

Harmonies

Analogous

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



4278228187



4284975067



4289230534

Triad

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



4284975067



4291719248



4278230387

Complementary

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



4284975067



4292590439

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.



4284389452



4284975067



4289953846

Square

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



4284975067



4292372086



4287467060



4278230942

Rectangle

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



4284975067



4290997422



4287467060



4281310309

Sweetspot

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



4284975067



4292272639



4284996538



4284968576



4278190080



4286611584

Same Dimension

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



4284975067



4284254719



4286605275



4284704366



4278202541



4278193454

Inverse Universe

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



4292568967



4294925449



4290960231



4285424486



4289527856



4281204749

Previews

White Background



This preview shows how the Android color 4284975067 looks on a white background.

Color Contrast Check

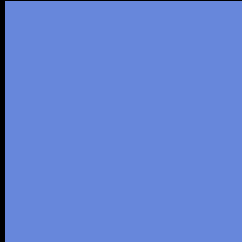
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4284975067 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 × Fail

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

Android 4284975067 Background



This preview shows how black text looks on a background with the Android color 4284975067.

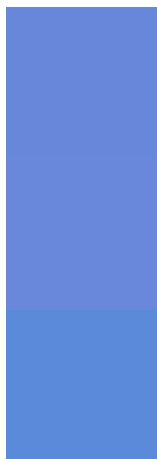


This preview shows how white text looks on a background with the Android color 4284975067.

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

4284975067

Protanopia

4285106139

Deuteranopia

4284189402

Trichromacy



Original Color
4284975067

Protanomaly
4285040603

Deuteranomaly
4284451290

Tritanomaly
4284125109

Monochromacy



Original Color
4284975067

Achromatopsia
4287072135

Achromatomaly
4286285734

CSS Examples

Text

The CSS property to change the color of the text to Android 4284975067 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(103, 135, 219)` looks like.

```
.text, #text, p{  
    color:rgb(103, 135, 219)  
}
```

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(103, 135, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 135, 219) }
```

Border

The CSS property to change the border of an element to Android 4284975067 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(103, 135, 219) }
```

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

```
.border{ border-color:rgb(103, 135, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 135, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 135, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 135, 219);  
box-shadow:4px 4px 4px 4px rgb(103, 135,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4284975067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 135, 219) }
```

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

```
.background{ background-color: rgb(103,  
135, 219) }
```

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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