

Converting Colors

Android(4284977100)

Have a look what the booklet for
Android(4284977100) contains.

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Color

Android(4284977100)

Conversions

Conversions Part 1

Format	Color
Hex	678FCC
RGB	103, 143, 204
RGB Percent	40%, 56%, 80%
CMY	0.5961, 0.4392, 0.2000
CMYK	0.50, 0.30, 0.00, 0.20
HSL	216°, 50%, 60%
HSV	216°, 50%, 80%
XYZ	26.3151, 26.8881, 60.9297
YIQ	137.9940, -43.4210, 10.4910

Conversions

Conversions Part 2

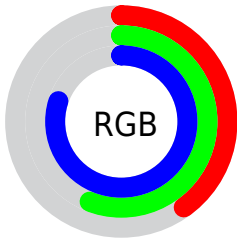
Format	Color
RYB	103, 132, 204
Decimal	6787020
CIELab	58.87, 3.16, -35.72
CIELCh	59, 35.863, 275.059
Yxy	26.8881, 0.2306, 0.2356
Android (android.graphics.Color)	4284977100 (0xFF678FCC)
YUV	137.9940, 32.5410, -30.6897
Hunter-Lab	51.8538, -0.1578, -33.3699

Details

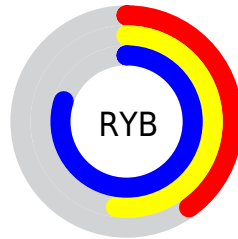
The Android color `4284977100` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4291601511`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4288660991`, and `4281163157` is the 20% darker color. If you saturate the color by 10%, you get `4283663308`, and if you desaturate by 10%, it is `4286290892`.

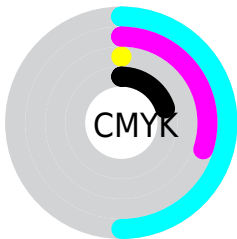
Distribution



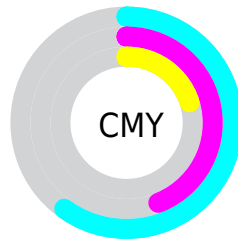
- Red (40%)
- Green (56%)
- Blue (80%)



- Red (40%)
- Yellow (52%)
- Blue (80%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284977100 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 4284977100 by changing the saturation by 10% instead.

 4284977100

 4284977100

4294967295

 4283135664

 4288660991

 4281163157

 4290502911

 4278208123

 4292410879

 4278202466

 4294377471

 4278197322

 4278191155

 4278190621

 4278190080

 4284977100

 4284977100

■ 4283663308

■ 4286290892

■ 4282283724

■ 4287670476

■ 4280969932

■ 4288984268

■ 4279590604

■ 4290363596

■ 4278276556

■ 4291677644

■ 4278211020

■ 4292991436

■ 4294370764

■ 4294963916

■ 4294966988

Harmonies

Analogous

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



4280588486



4284977100



4288185281

Triad

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



4284977100



4291328363



4283735154

Complementary

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



4284977100



4291601511

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.



4286289497



4284977100



4290216789

Square

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



4284977100



4291392905



4288515662



4280131218

Rectangle

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



4284977100



4289756338



4288515662



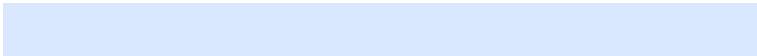
4284652392

Sweetspot

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



4284977100



4292471039



4284992676



4285100672



4278190080



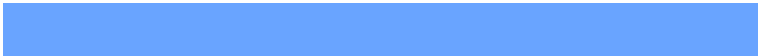
4286611584

Same Dimension

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



4284977100



4285113599



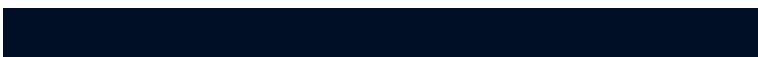
4285622220



4284244070



4278207142



4278193958

Inverse Universe

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



4291585935



4294928804



4290956391



4284898400



4289069122



4280680463

Previews

White Background



This preview shows how the Android color 4284977100 looks on a white background.

Color Contrast Check

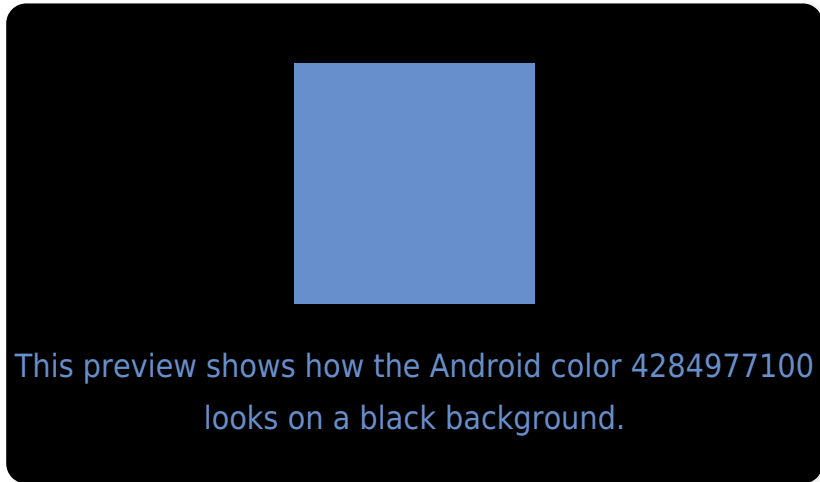
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284977100 Background



This preview shows how black text looks on a background with the Android color 4284977100.



This preview shows how white text looks on a background with the Android color 4284977100.

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

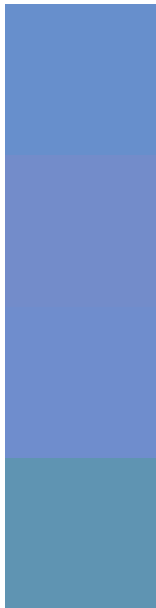


Original Color
4284977100

Protanopia
4286221257

Deuteranopia
4285828301

Trichromacy



Original Color
4284977100

Protanomaly
4285762762

Deuteranomaly
4285500877

Tritanomaly
4284454066

Monochromacy



Original Color
4284977100

Achromatopsia
4287269514

Achromatomaly
4286418082

CSS Examples

Text

The CSS property to change the color of the text to Android 4284977100 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, 143, 204)` looks like.

```
.text, #text, p{  
    color:rgb(103, 143, 204)  
}
```

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, 143, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 143, 204) }
```

Border

The CSS property to change the border of an element to Android 4284977100 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, 143, 204) }
```

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

```
.border{ border-color:rgb(103, 143, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 143, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 143, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 143, 204);  
box-shadow:4px 4px 4px 4px rgb(103, 143,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4284977100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 143, 204) }
```

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

```
.background{ background-color: rgb(103,  
143, 204) }
```

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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