

Converting Colors

Android(4284285128)

Have a look what the booklet for
Android(4284285128) contains.

Android(4284285128)	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(4284285128)

Conversions

Conversions Part 1

Format	Color
Hex	5D00C8
RGB	93, 0, 200
RGB Percent	36%, 0%, 78%
CMY	0.6353, 1.0000, 0.2157
CMYK	0.53, 1.00, 0.00, 0.22
HSL	268°, 100%, 39%
HSV	268°, 100%, 78%
XYZ	14.9395, 6.4973, 55.1103
YIQ	50.6070, -8.7720, 81.9160

Conversions

Conversions Part 2

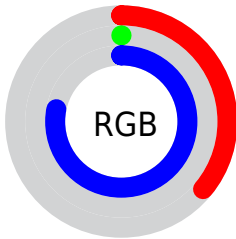
Format	Color
RYB	93, 0, 200
Decimal	6095048
CIELab	30.63, 68.83, -78.98
CIElCh	31, 104.766, 311.070
Yxy	6.4973, 0.1952, 0.0849
Android (android.graphics.Color)	4284285128 (0xFF5D00C8)
YUV	50.6070, 73.6507, 37.1787
Hunter-Lab	25.4898, 60.0115, -110.3454

Details

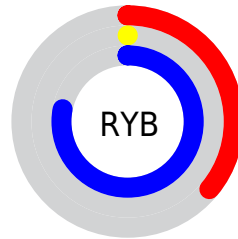
The Android color **4284285128** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **4285253632**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4288366847**, and **4278583440** is the 20% darker color. If you saturate the color by 10%, you get **4284285128**, and if you desaturate by 10%, it is **4285011144**.

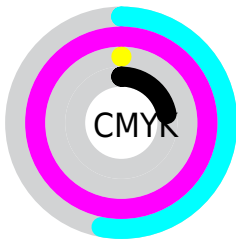
Distribution



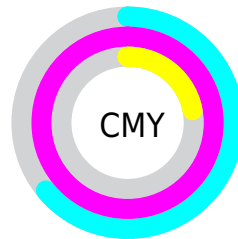
- Red (36%)
- Green (0%)
- Blue (78%)



- Red (36%)
- Yellow (0%)
- Blue (78%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284285128 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 4284285128 by changing the saturation by 10% instead.

 4284285128

 4284285128

4294967295

 4282056876

 4288366847

 4278583440

 4290339839

 4278190198

 4292313087

 4278190172

 4294351871

 4278191939

 4294948863

 4278190892

 4294956287

 4278190358

 4294963711

 4278190080

 4284285128

■ 4285011144

■ 4285671624

■ 4286397640

■ 4287123656

■ 4287849672

■ 4288510152

■ 4289236168

■ 4289962184

■ 4290622664

Harmonies

Analogous

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



4278210289



4284285128



4290052223

Triad

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



4284285128



4286655744



4278215014

Complementary

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



4284285128



4285253632

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.



4278214405



4284285128



4282208000

Square

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



4284285128



4289789952



4278213376



4278215862

Rectangle

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



4284285128



4291231818



4278213376



4278214985

Sweetspot

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



4284285128



4292260863



4278218440



4284961408



4278190080



4286611584

Same Dimension

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



4284285128



4285989119



4290642120



4284373603



4283170979



4279304228

Inverse Universe

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



4291297387



4294901896



4278896640



4284701279



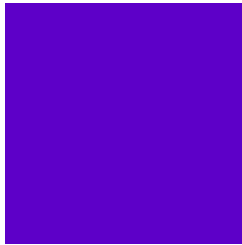
4288872535



4280549395

Previews

White Background



This preview shows how the Android color 4284285128 looks on a white background.

Color Contrast Check

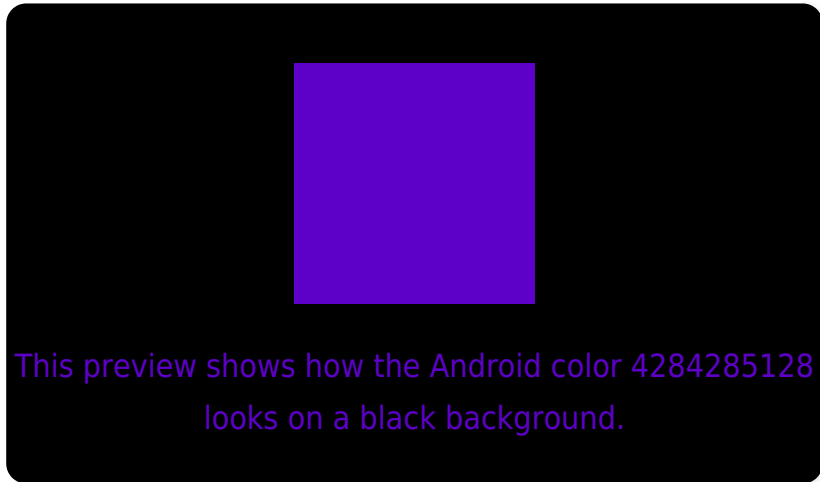
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

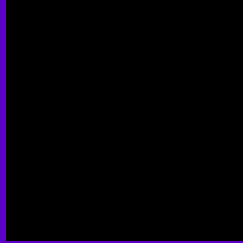
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4284285128 Background



This preview shows how black text looks on a background with the Android color 4284285128.



This preview shows how white text looks on a background with the Android color 4284285128.

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
4284285128

Protanopia
4278208663

Deuteranopia
4278209921

Trichromacy



Original Color
4284285128

Protanomaly
4280430249

Deuteranomaly
4280431003

Tritanomaly
4282724990

Monochromacy



Original Color
4284285128

Achromatopsia
4281545523

Achromatomaly
4282523753

CSS Examples

Text

The CSS property to change the color of the text to Android 4284285128 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, 0, 200)` looks like.

```
.text, #text, p{  
    color:rgb(93, 0, 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(93, 0, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 0, 200) }
```

Border

The CSS property to change the border of an element to Android 4284285128 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, 0, 200) }
```

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

```
.border{ border-color:rgb(93, 0, 200) }
```

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

Here you see how a box with a 4 pixel rgb(93, 0, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 0, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 0, 200);  
box-shadow:4px 4px 4px 4px rgb(93, 0, 200)  
}
```

Background

The CSS property to change the background color of an element to Android 4284285128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 0, 200) }
```

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

```
.background{ background-color: rgb(93, 0,  
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](#).

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