

Converting Colors

Android(4281097888)

Have a look what the booklet for
Android(4281097888) contains.

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Color

Android(4281097888)

Conversions

Conversions Part 1

Format	Color
Hex	2C5EA0
RGB	44, 94, 160
RGB Percent	17%, 37%, 63%
CMY	0.8275, 0.6314, 0.3725
CMYK	0.72, 0.41, 0.00, 0.37
HSL	214°, 57%, 40%
HSV	214°, 72%, 63%
XYZ	11.3866, 11.0789, 34.7960
YIQ	86.5740, -50.9860, 9.9260

Conversions

Conversions Part 2

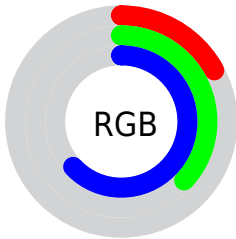
Format	Color
RYB	44, 79, 160
Decimal	2907808
CIELab	39.71, 6.34, -40.68
CIElCh	40, 41.171, 278.860
Yxy	11.0789, 0.1989, 0.1935
Android (android.graphics.Color)	4281097888 (0xFF2C5EA0)
YUV	86.5740, 36.1990, -37.3374
Hunter-Lab	33.2850, 2.8147, -38.6819

Details

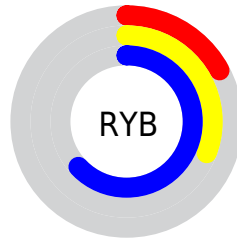
The Android color `4281097888` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288704044`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4285042903`, and `4278202732` is the 20% darker color. If you saturate the color by 10%, you get `4280047008`, and if you desaturate by 10%, it is `4282148768`.

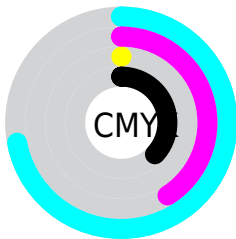
Distribution



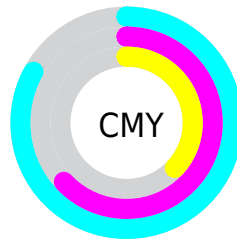
- Red (17%)
- Green (37%)
- Blue (63%)



- Red (17%)
- Yellow (31%)
- Blue (63%)



- Cyan (72%)
- Magenta (41%)
- Yellow (0%)
- Black (37%)



- Cyan (83%)
- Magenta (63%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281097888 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 4281097888 by changing the saturation by 10% instead.

■ 4281097888

■ 4281097888

4294967295

■ 4278208390

■ 4285042903

■ 4278202732

■ 4286950132

■ 4278197587

■ 4288792063

■ 4278190652

■ 4290699775

■ 4278190629

■ 4292607743

■ 4278190350

■ 4294574079

■ 4278190080

■ 4281097888

■ 4281097888

■ 4280047008

■ 4282148768

■ 4278996128

■ 4283199648

■ 4278207904

■ 4284250528

■ 4285301408

■ 4286352544

■ 4287403424

■ 4288454304

■ 4289505184

■ 4290556064

Harmonies

Analogous

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



4278216860



4281097888



4285288594

Triad

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



4281097888



4288038453



4278217796

Complementary

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



4281097888



4288704044

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.



4282541862



4281097888



4286796573

Square

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



4281097888



4288364117



4284899092



4278218343

Rectangle

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



4281097888



4286924673



4284899092



4280183609

Sweetspot

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



4281097888



4288919505



4281114734



4283259241



4293454056



4285098345

Same Dimension

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



4281097888



4279986897



4281609376



4282862415



4278206095



4278191887

Inverse Universe

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



4288687198



4291894122



4288192556



4283385675



4287561790



4279173127

Previews

White Background



This preview shows how the Android color 4281097888 looks on a white background.

Color Contrast Check

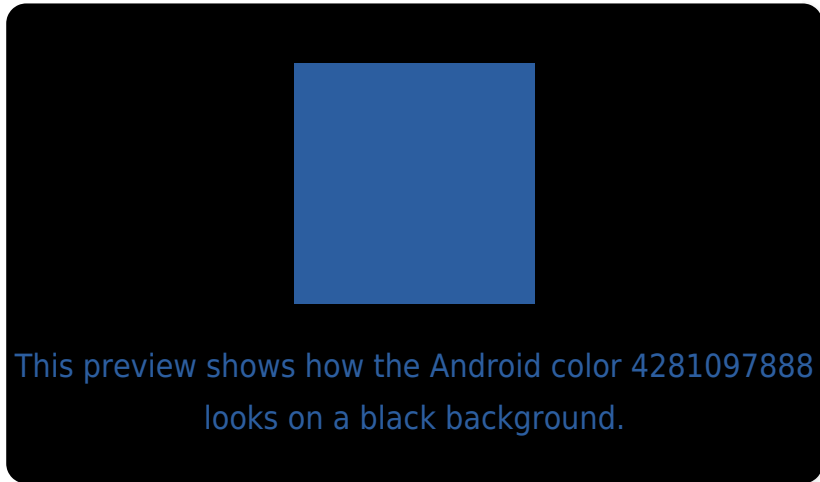
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4281097888 Background



This preview shows how black text looks on a background with the Android color 4281097888.



This preview shows how white text looks on a background with the Android color 4281097888.

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

4281097888

Protanopia

4282473373

Deuteranopia

4281032352

Trichromacy



Original Color
4281097888

Protanomaly
4281949342

Deuteranomaly
4281032352

Tritanomaly
4279264385

Monochromacy



Original Color
4281097888

Achromatopsia
4283914071

Achromatomaly
4282866290

CSS Examples

Text

The CSS property to change the color of the text to Android 4281097888 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(44, 94, 160)` looks like.

```
.text, #text, p{  
    color:rgb(44, 94, 160)  
}
```

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(44, 94, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 94, 160) }
```

Border

The CSS property to change the border of an element to Android 4281097888 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(44, 94, 160) }
```

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

```
.border{ border-color:rgb(44, 94, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 94, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 94, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 94, 160);  
box-shadow:4px 4px 4px 4px rgb(44, 94,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4281097888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 94, 160) }
```

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

```
.background{ background-color: rgb(44, 94,  
160) }
```

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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