

Converting Colors

Android(4281094021)

Have a look what the booklet for
Android(4281094021) contains.

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Color

Android(4281094021)

Conversions

Conversions Part 1

Format	Color
Hex	2C4F85
RGB	44, 79, 133
RGB Percent	17%, 31%, 52%
CMY	0.8275, 0.6902, 0.4784
CMYK	0.67, 0.41, 0.00, 0.48
HSL	216°, 50%, 35%
HSV	216°, 67%, 52%
XYZ	8.0683, 7.8209, 23.2746
YIQ	74.6910, -38.1940, 9.3740

Conversions

Conversions Part 2

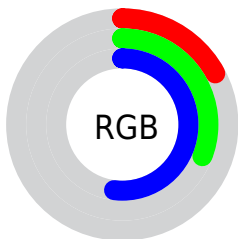
Format	Color
R_{YB}	44, 69, 133
Decimal	2903941
CIE _{Lab}	33.61, 5.92, -34.05
CIE _{LCh}	34, 34.565, 279.864
Yxy	7.8209, 0.2060, 0.1997
Android (android.graphics.Color)	4281094021 (0xFF2C4F85)
YUV	74.6910, 28.7463, -26.9160
Hunter-Lab	27.9659, 2.5581, -29.7681

Details

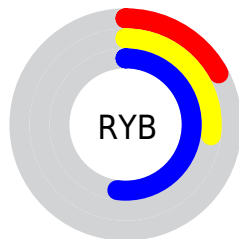
The Android color `4281094021` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4286931500`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4284711099`, and `4278199123` is the 20% darker color. If you saturate the color by 10%, you get `4280240005`, and if you desaturate by 10%, it is `4281948037`.

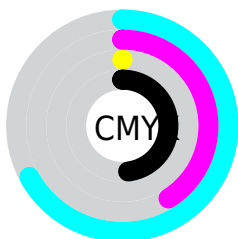
Distribution



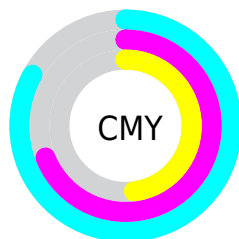
- Red (17%)
- Green (31%)
- Blue (52%)



- Red (17%)
- Yellow (27%)
- Blue (52%)



- Cyan (67%)
- Magenta (41%)
- Yellow (0%)
- Black (48%)



- Cyan (83%)
- Magenta (69%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281094021 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 4281094021 by changing the saturation by 10% instead.



4281094021



4281094021

4294967295



4278597739



4284711099



4278199123



4286487254



4278193467



4288328947



4278190629



4290171135



4278190350



4292013311



4278190080



4293984255



4281094021



4281094021



4280240005



4281948037

■ 4279320453

■ 4282867589

■ 4278466437

■ 4283721605

■ 4278203525

■ 4284575621

■ 4285495173

■ 4286349189

■ 4287203205

■ 4288057477

■ 4288977029

Harmonies

Analogous

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



4278212482



4281094021



4284236921

Triad

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



4281094021



4286397485



4278213435

Complementary

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



4281094021



4286931500

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.



4281882403



4281094021



4285351706

Square

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



4281094021



4286658119



4283846933



4278213720

Rectangle

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



4281094021



4285545835



4283846933



4280048178

Sweetspot

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



4281094021



4287338669



4281107809



4282534487



4292269782



4283914071

Same Dimension

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



4281094021



4280506797



4281674885



4282138178



4278203266



4278190339

Inverse Universe

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



4286917711



4289536857



4286350636



4282530878



4286709811



4278386689

Previews

White Background



This preview shows how the Android color 4281094021 looks on a white background.

Color Contrast Check

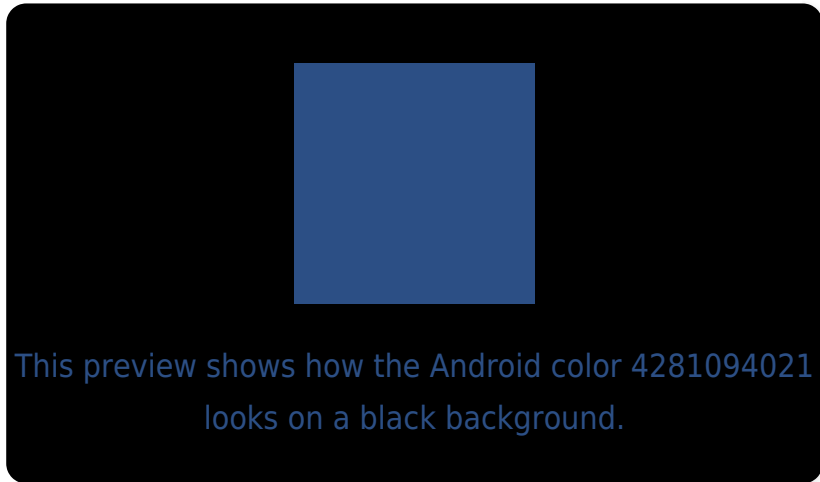
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281094021 Background



This preview shows how black text looks on a background with the Android color 4281094021.



This preview shows how white text looks on a background with the Android color 4281094021.

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

4281094021

Protanopia

4281879939

Deuteranopia

4280897413

Trichromacy



Original Color
4281094021

Protanomaly
4281618052

Deuteranomaly
4280962949

Tritanomaly
4279981164

Monochromacy



Original Color
4281094021

Achromatopsia
4283124555

Achromatomaly
4282403936

CSS Examples

Text

The CSS property to change the color of the text to Android 4281094021 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, 79, 133)` looks like.

```
.text, #text, p{  
    color:rgb(44, 79, 133)  
}
```

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, 79, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 79, 133) }
```

Border

The CSS property to change the border of an element to Android 4281094021 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, 79, 133) }
```

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

```
.border{ border-color:rgb(44, 79, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 79, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 79, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 79, 133);  
box-shadow:4px 4px 4px 4px rgb(44, 79,  
133) }
```

Background

The CSS property to change the background color of an element to Android 4281094021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 79, 133) }
```

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

```
.background{ background-color: rgb(44, 79,  
133) }
```

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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