

Converting Colors

Android(4281296845)

Have a look what the booklet for
Android(4281296845) contains.

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Color

Android(4281296845)

Conversions

Conversions Part 1

Format	Color
Hex	2F67CD
RGB	47, 103, 205
RGB Percent	18%, 40%, 80%
CMY	0.8157, 0.5961, 0.1961
CMYK	0.77, 0.50, 0.00, 0.20
HSL	219°, 63%, 49%
HSV	219°, 77%, 80%
XYZ	17.0420, 14.7126, 59.6992
YIQ	97.8840, -66.1180, 19.8500

Conversions

Conversions Part 2

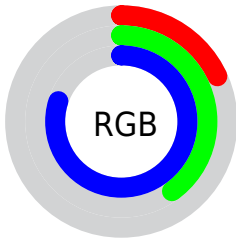
Format	Color
R_{YB}	47, 88, 205
Decimal	3106765
CIE _{Lab}	45.24, 17.99, -58.11
CIE _{LCh}	45, 60.831, 287.199
Yxy	14.7126, 0.1863, 0.1609
Android (android.graphics.Color)	4281296845 (0xFF2F67CD)
YUV	97.8840, 52.8082, -44.6253
Hunter-Lab	38.3570, 12.1826, -65.4296

Details

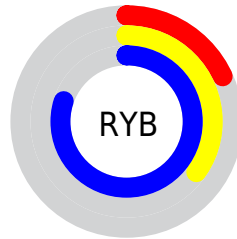
The Android color `4281296845` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4291663151`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4285831679`, and `4278204822` is the 20% darker color. If you saturate the color by 10%, you get `4279982797`, and if you desaturate by 10%, it is `4282676429`.

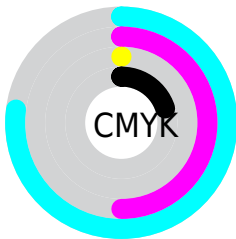
Distribution



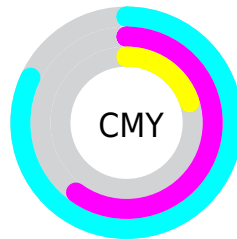
- Red (18%)
- Green (40%)
- Blue (80%)



- Red (18%)
- Yellow (35%)
- Blue (80%)



- Cyan (77%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (82%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281296845 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 4281296845 by changing the saturation by 10% instead.



4281296845



4281296845

4294967295



4278210481



4285831679



4278204822



4287804671



4278199675



4289777663



4278194786



4291751167



4278192457



4293787647



4278191154



4278190364



4278190080



4281296845



4281296845

■ 4279982797

■ 4282676429

■ 4278603213

■ 4283990477

■ 4278208973

■ 4285370317

■ 4286684365

■ 4288063949

■ 4289377997

■ 4290757837

■ 4292071885

■ 4293451469

Harmonies

Analogous

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



4278220751



4281296845



4287713201

Triad

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



4281296845



4290071072



4278222931

Complementary

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



4281296845



4291663151

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.



4280449821



4281296845



4287848704

Square

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



4281296845



4291048272



4284903936



4278223496

Rectangle

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



4281296845



4289740179



4284903936



4278222657

Sweetspot

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



4281296845



4291090943



4281322899



4284246144



4278190080



4286611584

Same Dimension

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



4281296845



4279527679



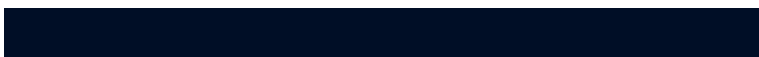
4282658765



4284243814



4278205350



4278193702

Inverse Universe

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



4291637095



4294906984



4290301231



4284898399



4289069115



4280680462

Previews

White Background



This preview shows how the Android color 4281296845 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



This preview shows how the Android color 4281296845 looks on a 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 4281296845 Background



This preview shows how black text looks on a background with the Android color 4281296845.



This preview shows how white text looks on a background with the Android color 4281296845.

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
4281296845

Protanopia
4281296845

Deuteranopia
4278218174

Trichromacy



Original Color
4281296845

Protanomaly
4281296845

Deuteranomaly
4279331779

Tritanomaly
4279333275

Monochromacy



Original Color
4281296845

Achromatopsia
4284637794

Achromatomaly
4283393161

CSS Examples

Text

The CSS property to change the color of the text to Android 4281296845 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(47, 103, 205)` looks like.

```
.text, #text, p{  
    color:rgb(47, 103, 205)  
}
```

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(47, 103, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 103, 205) }
```

Border

The CSS property to change the border of an element to Android 4281296845 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(47, 103, 205) }
```

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

```
.border{ border-color:rgb(47, 103, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 103, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 103, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 103, 205);  
box-shadow:4px 4px 4px 4px rgb(47, 103,  
205) }
```

Background

The CSS property to change the background color of an element to Android 4281296845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 103, 205) }
```

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

```
.background{ background-color: rgb(47, 103,  
205) }
```

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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