

Converting Colors

Android(4280901845)

Have a look what the booklet for
Android(4280901845) contains.

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Color

Android(4280901845)

Conversions

Conversions Part 1

Format	Color
Hex	2960D5
RGB	41, 96, 213
RGB Percent	16%, 38%, 84%
CMY	0.8392, 0.6235, 0.1647
CMYK	0.81, 0.55, 0.00, 0.16
HSL	221°, 68%, 50%
HSV	221°, 81%, 84%
XYZ	17.1076, 13.6413, 64.6821
YIQ	92.8930, -70.3370, 24.7270

Conversions

Conversions Part 2

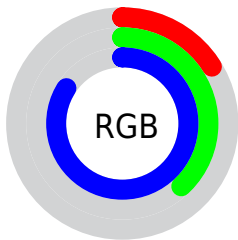
Format	Color
R_{YB}	41, 83, 213
Decimal	2711765
CIE Lab	43.71, 24.92, -65.17
CIE LCh	44, 69.773, 290.924
Yxy	13.6413, 0.1793, 0.1429
Android (android.graphics.Color)	4280901845 (0xFF2960D5)
YUV	92.8930, 59.2128, -45.5102
Hunter-Lab	36.9341, 18.0451, -77.9799

Details

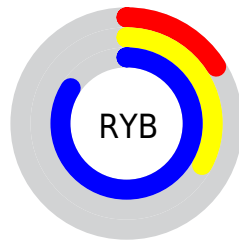
The Android color `4280901845` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4292189737`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4285764351`, and `4278203293` is the 20% darker color. If you saturate the color by 10%, you get `4279522005`, and if you desaturate by 10%, it is `4282281685`.

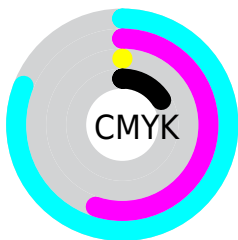
Distribution



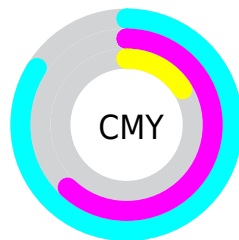
- Red (16%)
- Green (38%)
- Blue (84%)



- Red (16%)
- Yellow (33%)
- Blue (84%)



- Cyan (81%)
- Magenta (55%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (62%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280901845 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 4280901845 by changing the saturation by 10% instead.



4280901845



4280901845

4294967295



4278208953



4285764351



4278203293



4287802623



4278198146



4289775615



4278193001



4291814399



4278192719



4293853183



4278191416



4278190625



4278190086



4278190080

■ 4280901845

■ 4280901845

■ 4279522005

■ 4282281685

■ 4278207701

■ 4283727317

■ 4285107157

■ 4286487253

■ 4287867093

■ 4289312725

■ 4290692565

■ 4292072661

■ 4293518037

Harmonies

Analogous

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



4278219995



4280901845



4288233649

Triad

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



4280901845



4290003458



4278222675

Complementary

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



4280901845



4292189737

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.



4278221328



4280901845



4287454976

Square

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



4280901845



4291370050



4283920640



4278222991

Rectangle

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



4280901845



4290389391



4283920640



4278222399

Sweetspot

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



4280901845



4290958847



4280931740



4284180096



4278190080



4286611584

Same Dimension

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



4280901845



4278736895



4282788309



4284507243



4278204331



4278193707

Inverse Universe

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



4292159840



4294903895



4290303273



4285227108



4289396791



4281008142

Previews

White Background



This preview shows how the Android color 4280901845 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 4280901845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

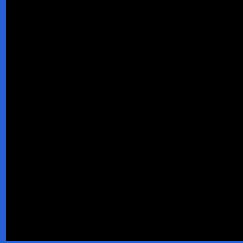
Any Text WCAG AA × Fail

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 4280901845 Background



This preview shows how black text looks on a background with the Android color 4280901845.



This preview shows how white text looks on a background with the Android color 4280901845.

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

4280901845

Protanopia

4278215634

Deuteranopia

4278217141

Trichromacy



Original Color
4280901845

Protanomaly
4279198419

Deuteranomaly
4279199425

Monochromacy



Original Color
4280901845

Achromatopsia
4284308829

Achromatomaly
4283063945

CSS Examples

Text

The CSS property to change the color of the text to Android 4280901845 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(41, 96, 213)` looks like.

```
.text, #text, p{  
    color:rgb(41, 96, 213)  
}
```

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(41, 96, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 96, 213) }
```

Border

The CSS property to change the border of an element to Android 4280901845 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(41, 96, 213) }
```

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

```
.border{ border-color:rgb(41, 96, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 96, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 96, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 96, 213);  
box-shadow:4px 4px 4px 4px rgb(41, 96,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4280901845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 96, 213) }
```

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

```
.background{ background-color: rgb(41, 96,  
213) }
```

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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