

Converting Colors

Android(4280373675)

Have a look what the booklet for
Android(4280373675) contains.

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Color

Android(4280373675)

Conversions

Conversions Part 1

Format	Color
Hex	2151AB
RGB	33, 81, 171
RGB Percent	13%, 32%, 67%
CMY	0.8706, 0.6824, 0.3294
CMYK	0.81, 0.53, 0.00, 0.33
HSL	219°, 68%, 40%
HSV	219°, 81%, 67%
XYZ	10.9203, 9.1485, 39.7183
YIQ	76.9080, -57.4980, 17.8140

Conversions

Conversions Part 2

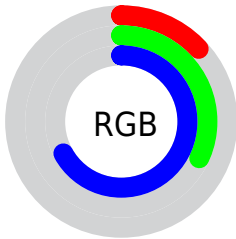
Format	Color
R _Y B	33, 69, 171
Decimal	2183595
CIE Lab	36.27, 17.78, -52.78
CIE LCh	36, 55.697, 288.612
Yxy	9.1485, 0.1827, 0.1530
Android (android.graphics.Color)	4280373675 (0xFF2151AB)
YUV	76.9080, 46.3874, -38.5073
Hunter-Lab	30.2464, 11.5152, -56.6846




Details

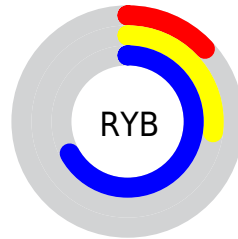
The Android color `4280373675` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289428257`, and the grayscale version is `4283256141`.




A 20% lighter version of the original color is `4284842723`, and `4278199926` is the 20% darker color. If you saturate the color by 10%, you get `4279256747`, and if you desaturate by 10%, it is `4281490603`.

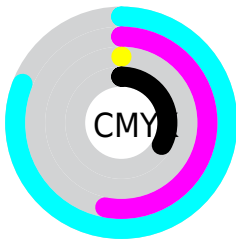
Distribution







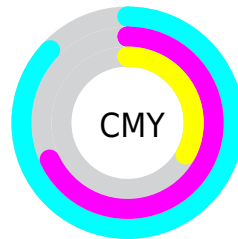
-  Red (13%)
-  Green (32%)
-  Blue (67%)






-  Red (13%)
-  Yellow (27%)
-  Blue (67%)



-  Cyan (81%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (87%)
-  Magenta (68%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280373675 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 4280373675 by changing the saturation by 10% instead.

■ 4280373675

■ 4280373675

4294967295

■ 4278205328

■ 4284842723

■ 4278199926

■ 4286749951

■ 4278195037

■ 4288657151

■ 4278191684

■ 4290630399

■ 4278190893

■ 4292538111

■ 4278190359

■ 4294508543

■ 4278190080

■ 4280373675

■ 4280373675

■ 4279256747

■ 4281490603

■ 4278205355

■ 4282607531

■ 4283724459

■ 4284841643

■ 4286024107

■ 4287141035

■ 4288257963

■ 4289374891

■ 4290491819

Harmonies

Analogous

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



4278214830



4280373675



4286134929

Triad

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



4280373675



4287903760



4278216770

Complementary

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



4280373675



4289428257

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.



4278543377



4280373675



4285943040

Square

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



4280373675



4288815420



4283325440



4278217073

Rectangle

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



4280373675



4287834487



4283325440



4278216498

Sweetspot

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



4280373675



4289313758



4280396667



4283456368



4293980400



4285558896

Same Dimension

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



4280373675



4278670046



4281737643



4283322711



4278203542



4278192151

Inverse Universe

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



4289405265



4292740946



4288064289



4283911761



4288020532



4279697416

Previews

White Background



This preview shows how the Android color 4280373675 looks on a white background.

Color Contrast Check

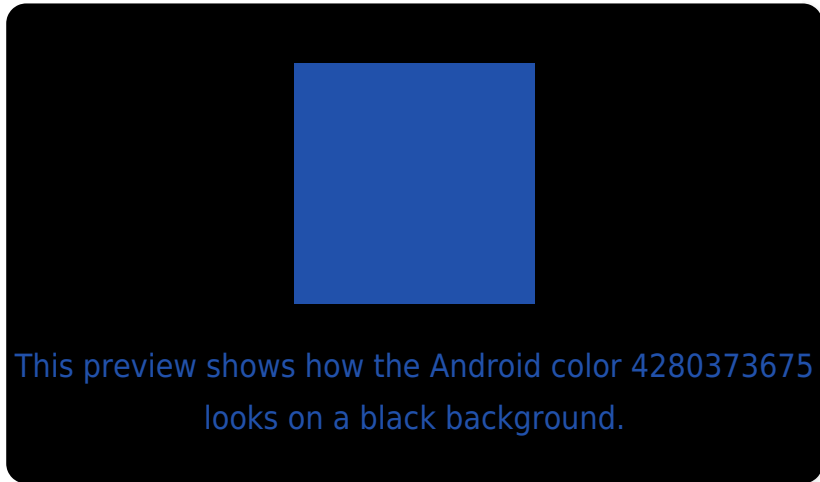
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280373675 Background



This preview shows how black text looks on a background with the Android color 4280373675.



This preview shows how white text looks on a background with the Android color 4280373675.

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

4280373675

Protanopia

4279456428

Deuteranopia

4278212503

Trichromacy



Original Color

4280373675

Protanomaly

4279784108

Deuteranomaly

4278998430

Tritanomaly

4278999422

Monochromacy



Original Color

4280373675

Achromatopsia

4283256141

Achromatomaly

4282207855

CSS Examples

Text

The CSS property to change the color of the text to Android 4280373675 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(33, 81, 171)` looks like.

```
.text, #text, p{  
    color:rgb(33, 81, 171)  
}
```

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(33, 81, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 81, 171) }
```

Border

The CSS property to change the border of an element to Android 4280373675 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(33, 81, 171) }
```

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

```
.border{ border-color:rgb(33, 81, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 81, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 81, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 81, 171);  
box-shadow:4px 4px 4px 4px rgb(33, 81,  
171) }
```

Background

The CSS property to change the background color of an element to Android 4280373675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 81, 171) }
```

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

```
.background{ background-color: rgb(33, 81,  
171) }
```

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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