

Converting Colors

Android(4280372123)

Have a look what the booklet for
Android(4280372123) contains.

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Color

Android(4280372123)

Conversions

Conversions Part 1

Format	Color
Hex	214B9B
RGB	33, 75, 155
RGB Percent	13%, 29%, 61%
CMY	0.8706, 0.7059, 0.3922
CMYK	0.79, 0.52, 0.00, 0.39
HSL	219°, 65%, 37%
HSV	219°, 79%, 61%
XYZ	9.0597, 7.7220, 32.0234
YIQ	71.5620, -50.7120, 15.9760

Conversions

Conversions Part 2

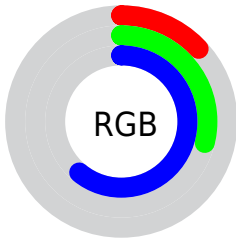
Format	Color
R_{YB}	33, 64, 155
Decimal	2182043
CIE _{Lab}	33.40, 15.48, -47.84
CIE _{LCh}	33, 50.279, 287.932
Yxy	7.7220, 0.1856, 0.1582
Android (android.graphics.Color)	4280372123 (0xFF214B9B)
YUV	71.5620, 41.1349, -33.8189
Hunter-Lab	27.7886, 9.5648, -48.8734




Details

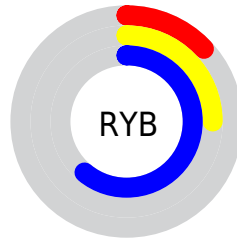
The Android color `4280372123` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4288377121`, and the grayscale version is `4282861383`.




A 20% lighter version of the original color is `4284578770`, and `4278198375` is the 20% darker color. If you saturate the color by 10%, you get `4279320987`, and if you desaturate by 10%, it is `4281357723`.

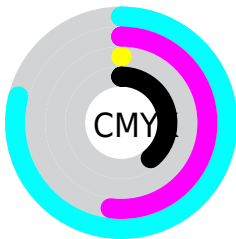
Distribution







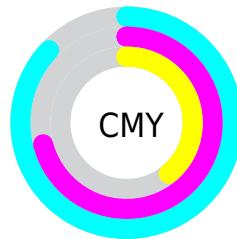
-  Red (13%)
-  Green (29%)
-  Blue (61%)






-  Red (13%)
-  Yellow (25%)
-  Blue (61%)



-  Cyan (79%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (87%)
-  Magenta (71%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280372123 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 4280372123 by changing the saturation by 10% instead.



4280372123



4280372123

4294967295



4278203777



4284578770



4278198375



4286485999



4278192718



4288327679



4278191415



4290235391



4278190624



4292143103



4278190085



4294115327



4278190080



4280372123



4280372123



4279320987



4281357723

■ 4278335387

■ 4282408859

■ 4278203803

■ 4283394459

■ 4284445851

■ 4285431451

■ 4286482587

■ 4287468187

■ 4288519323

■ 4289504923

Harmonies

Analogous

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



4278212765



4280372123



4285347972

Triad

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



4280372123



4287051027



4278214461

Complementary

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



4280372123



4288377121

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.



4279327506



4280372123



4285351680

Square

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



4280372123



4287898169



4282995712



4278214758

Rectangle

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



4280372123



4286916973



4282995712



4278214191

Sweetspot

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



4280372123



4288260809



4280392560



4282930022



4293322470



4284900966

Same Dimension

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



4280372123



4278996425



4281541019



4282730317



4278202508



4278191117

Inverse Universe

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



4288356683



4291365965



4287208225



4283254087



4287365168



4279042052

Previews

White Background



This preview shows how the Android color 4280372123 looks on a white background.

Color Contrast Check

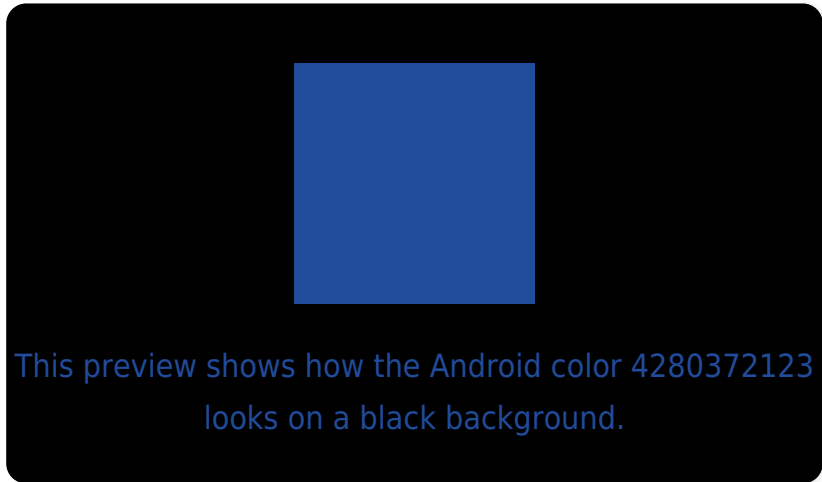
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280372123 Background



This preview shows how black text looks on a background with the Android color 4280372123.



This preview shows how white text looks on a background with the Android color 4280372123.

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

4280372123

Protanopia

4279913628

Deuteranopia

4278210699

Trichromacy



Original Color

4280372123

Protanomaly

4280110236

Deuteranomaly

4278996625

Tritanomaly

4278997876

Monochromacy



Original Color

4280372123

Achromatopsia

4282927176

Achromatomaly

4282009958

CSS Examples

Text

The CSS property to change the color of the text to Android 4280372123 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, 75, 155)` looks like.

```
.text, #text, p{  
    color:rgb(33, 75, 155)  
}
```

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, 75, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 75, 155) }
```

Border

The CSS property to change the border of an element to Android 4280372123 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, 75, 155) }
```

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

```
.border{ border-color:rgb(33, 75, 155) }
```

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

Here you see how a box with a 4 pixel rgb(33, 75, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 75, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 75, 155);  
box-shadow:4px 4px 4px 4px rgb(33, 75,  
155) }
```

Background

The CSS property to change the background color of an element to Android 4280372123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 75, 155) }
```

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

```
.background{ background-color: rgb(33, 75,  
155) }
```

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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