

Converting Colors

Android(4280372407)

Have a look what the booklet for
Android(4280372407) contains.

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Color

Android(4280372407)

Conversions

Conversions Part 1

Format	Color
Hex	214CB7
RGB	33, 76, 183
RGB Percent	13%, 30%, 72%
CMY	0.8706, 0.7020, 0.2824
CMYK	0.82, 0.58, 0.00, 0.28
HSL	223°, 69%, 42%
HSV	223°, 82%, 72%
XYZ	11.7589, 8.9111, 45.9000
YIQ	75.3410, -59.9750, 24.1610

Conversions

Conversions Part 2

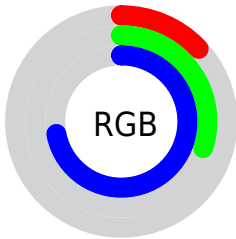
Format	Color
R_{YB}	33, 66, 183
Decimal	2182327
CIE _{Lab}	35.81, 25.81, -60.63
CIE _{LCh}	36, 65.895, 293.060
Yxy	8.9111, 0.1766, 0.1339
Android (android.graphics.Color)	4280372407 (0xFF214CB7)
YUV	75.3410, 53.0759, -37.1331
Hunter-Lab	29.8515, 18.0733, -70.2690

Details

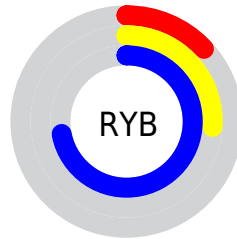
The Android color `4280372407` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4290219041`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4285037808`, and `4278198657` is the 20% darker color. If you saturate the color by 10%, you get `4279189431`, and if you desaturate by 10%, it is `4281555383`.

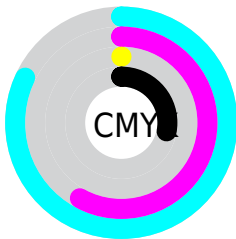
Distribution



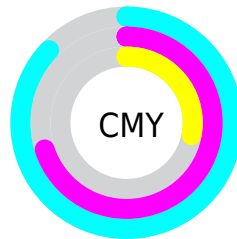
- Red (13%)
- Green (30%)
- Blue (72%)



- Red (13%)
- Yellow (26%)
- Blue (72%)



- Cyan (82%)
- Magenta (58%)
- Yellow (0%)
- Black (28%)



- Cyan (87%)
- Magenta (70%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280372407 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 4280372407 by changing the saturation by 10% instead.



4280372407



4280372407

4294967295



4278204060



4285037808



4278198657



4287010559



4278194023



4288983551



4278191182



4290956543



4278191414



4292929791



4278190624

4294901759



4278190084



4278190080



4280372407



4280372407

■ 4279189431

■ 4281555383

■ 4278203575

■ 4282803895

■ 4283986871

■ 4285169847

■ 4286418359

■ 4287601335

■ 4288784311

■ 4289967287

■ 4291215799

Harmonies

Analogous

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



4278214591



4280372407



4286917525

Triad

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



4280372407



4288099072



4278217030

Complementary

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



4280372407



4290219041

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.



4278215941



4280372407



4285681152

Square

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



4280372407



4289396783



4282473728



4278217340

Rectangle

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



4280372407



4288742516



4282473728



4278216755

Sweetspot

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



4280372407



4289905645



4280399754



4283719288



4294440951



4286085240

Same Dimension

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



4280372407



4278536173



4282327479



4283651420



4278201756



4278192156

Inverse Universe

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



4290191692



4293723463



4288263969



4284240725



4288413741



4280025096

Previews

White Background



This preview shows how the Android color 4280372407 looks on a white background.

Color Contrast Check

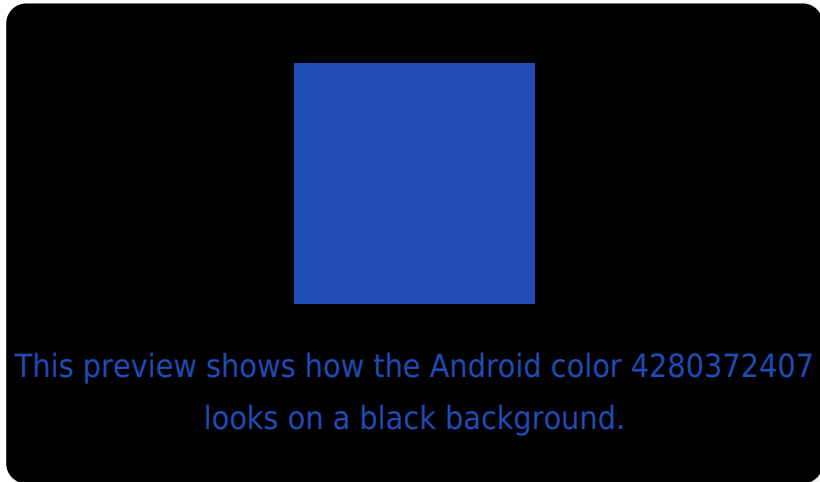
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280372407 Background



This preview shows how black text looks on a background with the Android color 4280372407.



This preview shows how white text looks on a background with the Android color 4280372407.

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

4280372407

Protanopia

4278210987

Deuteranopia

4278212243

Trichromacy



Original Color

4280372407

Protanomaly

4278996911

Deuteranomaly

4278997664

Tritanomaly

4278998914

Monochromacy



Original Color

4280372407

Achromatopsia

4283124555

Achromatomaly

4282141554

CSS Examples

Text

The CSS property to change the color of the text to Android 4280372407 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, 76, 183)` looks like.

```
.text, #text, p{  
    color:rgb(33, 76, 183)  
}
```

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, 76, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 76, 183) }
```

Border

The CSS property to change the border of an element to Android 4280372407 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, 76, 183) }
```

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

```
.border{ border-color:rgb(33, 76, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 76, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 76, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 76, 183);  
box-shadow:4px 4px 4px 4px rgb(33, 76,  
183) }
```

Background

The CSS property to change the background color of an element to Android 4280372407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 76, 183) }
```

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

```
.background{ background-color: rgb(33, 76,  
183) }
```

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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