

Converting Colors

Android(4280505031)

Have a look what the booklet for
Android(4280505031) contains.

Android(4280505031)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280505031)

Conversions

Conversions Part 1

Format	Color
Hex	2352C7
RGB	35, 82, 199
RGB Percent	14%, 32%, 78%
CMY	0.8627, 0.6784, 0.2196
CMYK	0.82, 0.59, 0.00, 0.22
HSL	223°, 70%, 46%
HSV	223°, 82%, 78%
XYZ	14.0192, 10.5154, 55.3236
YIQ	81.2850, -65.5690, 26.4230

Conversions

Conversions Part 2

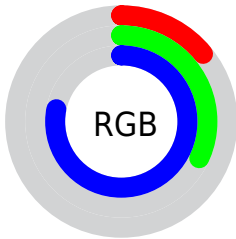
Format	Color
R_{YB}	35, 72, 199
Decimal	2314951
CIE _{Lab}	38.75, 28.18, -65.19
CIE _{LCh}	39, 71.022, 293.376
Yxy	10.5154, 0.1756, 0.1317
Android (android.graphics.Color)	4280505031 (0xFF2352C7)
YUV	81.2850, 58.0335, -40.5919
Hunter-Lab	32.4275, 20.4219, -78.4537

Details

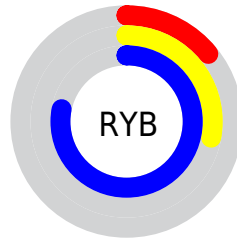
The Android color `4280505031` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted blue. A complement of this color would be `4291270691`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4285367295`, and `4278200208` is the 20% darker color. If you saturate the color by 10%, you get `4279190727`, and if you desaturate by 10%, it is `4281819335`.

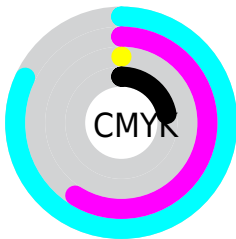
Distribution



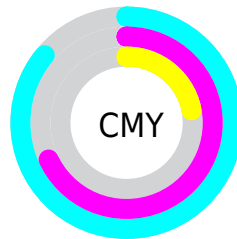
- Red (14%)
- Green (32%)
- Blue (78%)



- Red (14%)
- Yellow (28%)
- Blue (78%)



- Cyan (82%)
- Magenta (59%)
- Yellow (0%)
- Black (22%)



- Cyan (86%)
- Magenta (68%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280505031 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 4280505031 by changing the saturation by 10% instead.

■ 4280505031

■ 4280505031

4294967295

■ 4278205355

■ 4285367295

■ 4278200208

■ 4287405567

■ 4278195318

■ 4289378559

■ 4278190172

■ 4291351551

■ 4278191939

■ 4293390335

■ 4278190892

■ 4278190359

■ 4278190080

■ 4280505031

■ 4280505031

■ 4279190727

■ 4281819335

■ 4278204871

■ 4283133639

■ 4284448199

■ 4285762503

■ 4287076807

■ 4288325575

■ 4289639879

■ 4290954439

■ 4292268743

Harmonies

Analogous

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



4278216656



4280505031



4287704481

Triad

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



4280505031



4288886528



4278219340

Complementary

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



4280505031



4291270691

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.



4278218244



4280505031



4286272768

Square

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



4280505031



4290379826



4282737920



4278219656

Rectangle

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



4280505031



4289659006



4282737920



4278219064

Sweetspot

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



4280505031



4290761471



4280534934



4284048512



4278190080



4286611584

Same Dimension

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



4280505031



4278406143



4282655687



4284111971



4278202275



4278192676

Inverse Universe

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



4291240786



4294902603



4289120035



4284701276



4288872495



4280549386

Previews

White Background



This preview shows how the Android color 4280505031 looks on a white background.

Color Contrast Check

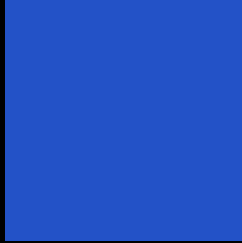
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280505031 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 4280505031 Background



This preview shows how black text looks on a background with the Android color 4280505031.



This preview shows how white text looks on a background with the Android color 4280505031.

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

4280505031

Protanopia

4278212537

Deuteranopia

4278214047

Trichromacy



Original Color
4280505031

Protanomaly
4279063998

Deuteranomaly
4279065006

Tritanomaly
4279066252

Monochromacy



Original Color
4280505031

Achromatopsia
4283519313

Achromatomaly
4282405244

CSS Examples

Text

The CSS property to change the color of the text to Android 4280505031 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(35, 82, 199)` looks like.

```
.text, #text, p{  
    color:rgb(35, 82, 199)  
}
```

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(35, 82, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 82, 199) }
```

Border

The CSS property to change the border of an element to Android 4280505031 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(35, 82, 199) }
```

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

```
.border{ border-color:rgb(35, 82, 199) }
```

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

Here you see how a box with a 4 pixel rgb(35, 82, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 82, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 82, 199);  
box-shadow:4px 4px 4px 4px rgb(35, 82,  
199) }
```

Background

The CSS property to change the background color of an element to Android 4280505031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 82, 199) }
```

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

```
.background{ background-color: rgb(35, 82,  
199) }
```

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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