

Converting Colors

Android(4280313053)

Have a look what the booklet for
Android(4280313053) contains.

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Color

Android(4280313053)

Conversions

Conversions Part 1

Format	Color
Hex	2064DD
RGB	32, 100, 221
RGB Percent	13%, 39%, 87%
CMY	0.8745, 0.6078, 0.1333
CMYK	0.86, 0.55, 0.00, 0.13
HSL	218°, 75%, 50%
HSV	218°, 86%, 87%
XYZ	18.2040, 14.6419, 70.2733
YIQ	93.4620, -79.3690, 23.2150

Conversions

Conversions Part 2

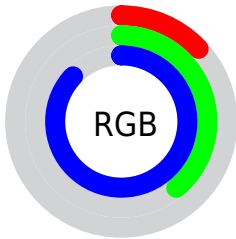
Format	Color
R _Y B	32, 82, 221
Decimal	2122973
CIE Lab	45.14, 24.68, -67.43
CIE LCh	45, 71.800, 290.104
Yxy	14.6419, 0.1765, 0.1420
Android (android.graphics.Color)	4280313053 (0xFF2064DD)
YUV	93.4620, 62.8762, -53.9022
Hunter-Lab	38.2647, 17.9560, -82.1011

Details

The Android color `4280313053` 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 `4292712736`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285568767`, and `4278204325` is the 20% darker color. If you saturate the color by 10%, you get `4278867677`, and if you desaturate by 10%, it is `4281758429`.

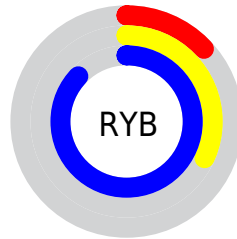
Distribution



Red (13%)

Green (39%)

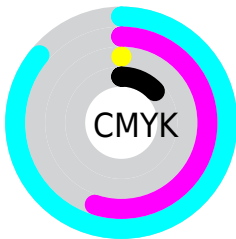
Blue (87%)



Red (13%)

Yellow (32%)

Blue (87%)

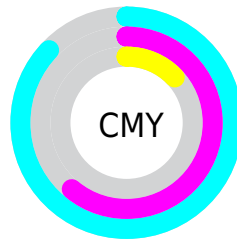


Cyan (86%)

Magenta (55%)

Yellow (0%)

Black (13%)



Cyan (87%)

Magenta (61%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280313053 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 4280313053 by changing the saturation by 10% instead.

 4280313053

 4280313053

4294967295

 4278209985

 4285568767


 4278204325

 4287672831

 4278199178

 4289711359

 4278194544

 4291750143

 4278192470

 4293787647

 4278191678

 4278190887

 4278190353

 4278190080

■ 4280313053

■ 4280313053

■ 4278867677

■ 4281758429

■ 4278210781

■ 4283203805

■ 4284649181

■ 4286094813

■ 4287605725

■ 4289051101

■ 4290496477

■ 4291941853

■ 4293387229

Harmonies

Analogous

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



4278221026



4280313053



4288496569

Triad

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



4280313053



4290462467



4278223700

Complementary

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



4280313053



4292712736

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.



4278222349



4280313053



4287848704

Square

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



4280313053



4291828294



4284249088



4278224019

Rectangle

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



4280313053



4290717333



4284249088



4278223423

Sweetspot

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



4280313053



4290631167



4280343960



4283983488



4278190080



4286611584

Same Dimension

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



4280313053



4278213887



4281934045



4284704622



4278206125



4278194478

Inverse Universe

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



4292681828



4294901852



4291091744



4285424487



4289527870



4281204753

Previews

White Background



This preview shows how the Android color 4280313053 looks on a white background.

Color Contrast Check

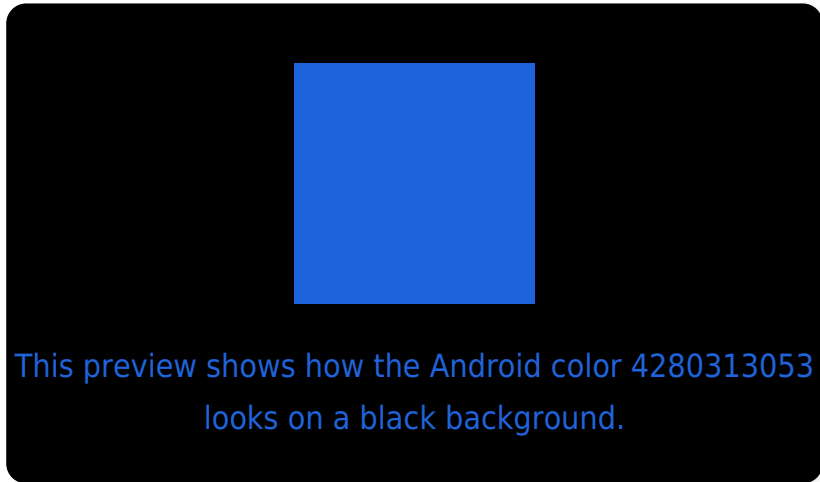
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

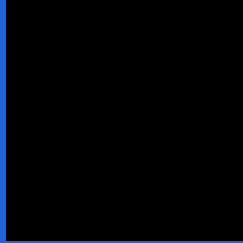
Any Text WCAG AA × Fail

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 4280313053 Background



This preview shows how black text looks on a background with the Android color 4280313053.

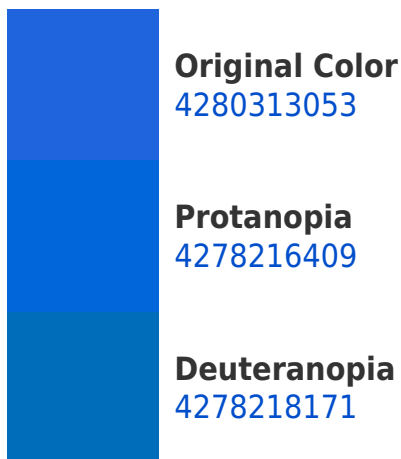


This preview shows how white text looks on a background with the Android color 4280313053.

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



Trichromacy



Original Color
4280313053

Protanomaly
4279002586

Deuteranomaly
4279003847

Tritanomaly
4279005088

Monochromacy



Original Color
4280313053

Achromatopsia
4284308829

Achromatomaly
4282867852

CSS Examples

Text

The CSS property to change the color of the text to Android 4280313053 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(32, 100, 221)` looks like.

```
.text, #text, p{  
    color:rgb(32, 100, 221)  
}
```

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(32, 100, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 100, 221) }
```

Border

The CSS property to change the border of an element to Android 4280313053 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(32, 100, 221) }
```

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

```
.border{ border-color:rgb(32, 100, 221) }
```

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

Here you see how a box with a 4 pixel rgb(32, 100, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 100, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 100, 221);  
box-shadow:4px 4px 4px 4px rgb(32, 100,  
221) }
```

Background

The CSS property to change the background color of an element to Android 4280313053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 100, 221) }
```

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

```
.background{ background-color: rgb(32, 100,  
221) }
```

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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