

Converting Colors

Android(4281230048)

Have a look what the booklet for
Android(4281230048) contains.

Android(4281230048)	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>	28

Color

Android(4281230048)

Conversions

Conversions Part 1

Format	Color
Hex	2E62E0
RGB	46, 98, 224
RGB Percent	18%, 38%, 88%
CMY	0.8196, 0.6157, 0.1216
CMYK	0.79, 0.56, 0.00, 0.12
HSL	222°, 74%, 53%
HSV	222°, 79%, 88%
XYZ	18.9489, 14.6980, 72.3593
YIQ	96.8160, -71.4380, 28.1620

Conversions

Conversions Part 2

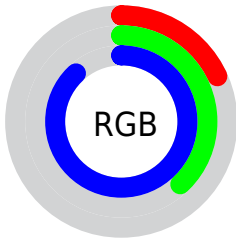
Format	Color
R_{YB}	46, 86, 224
Decimal	3039968
CIE _{Lab}	45.22, 28.22, -68.98
CIE _{LCh}	45, 74.534, 292.250
Yxy	14.6980, 0.1788, 0.1387
Android (android.graphics.Color)	4281230048 (0xFF2E62E0)
YUV	96.8160, 62.7017, -44.5656
Hunter-Lab	38.3380, 21.1339, -85.0676

Details

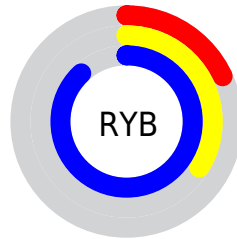
The Android color `4281230048` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4292914222`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4286092543`, and `4278203816` is the 20% darker color. If you saturate the color by 10%, you get `4279784160`, and if you desaturate by 10%, it is `4282675936`.

Distribution



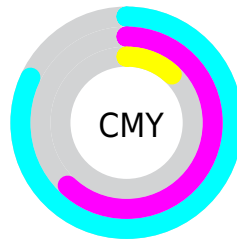
- Red (18%)
- Green (38%)
- Blue (88%)



- Red (18%)
- Yellow (34%)
- Blue (88%)



- Cyan (79%)
- Magenta (56%)
- Yellow (0%)
- Black (12%)



- Cyan (82%)
- Magenta (62%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281230048 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 4281230048 by changing the saturation by 10% instead.

 4281230048

 4281230048

4294967295

 4278209475

 4286092543

 4278203816

 4288131071

 4278198669

 4290169599

 4278194034

 4292208383

 4278191961

 4294246399

 4278191936

 4278190889

 4278190355

 4278190080

■ 4281230048

■ 4281230048

■ 4279784160

■ 4282675936

■ 4278272736

■ 4284187360

■ 4278206944

■ 4285633248

■ 4287144416

■ 4288590304

■ 4290036192

■ 4291547616

■ 4292993504

■ 4294504928

Harmonies

Analogous

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



4278221032



4281230048



4288888248

Triad

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



4281230048



4290462720



4278223960

Complementary

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



4281230048



4292914222

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.



4278222607



4281230048



4287652608

Square

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



4281230048



4292023105



4283856384



4278224281

Rectangle

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



4281230048



4291107730



4283856384



4278223682

Sweetspot

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



4281230048



4290958591



4281262251



4284179840



4278190080



4286611584

Same Dimension

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



4281230048



4279063807



4283576032



4284835952



4278203312



4278193712

Inverse Universe

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



4292882018



4294905172



4290568238



4285556072



4289724467



4281335822

Previews

White Background



This preview shows how the Android color 4281230048 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 4281230048 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 4281230048 Background



This preview shows how black text looks on a background with the Android color 4281230048.

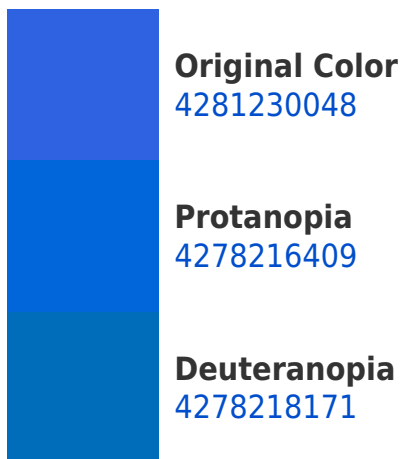


This preview shows how white text looks on a background with the Android color 4281230048.

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
4281230048

Protanomaly
4279330268

Deuteranomaly
4279331272

Monochromacy



Original Color
4281230048

Achromatopsia
4284572001

Achromatomaly
4283326863

CSS Examples

Text

The CSS property to change the color of the text to Android 4281230048 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(46, 98, 224)` looks like.

```
.text, #text, p{  
    color:rgb(46, 98, 224)  
}
```

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(46, 98, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 98, 224) }
```

Border

The CSS property to change the border of an element to Android 4281230048 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(46, 98, 224) }
```

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

```
.border{ border-color:rgb(46, 98, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 98, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 98, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 98, 224);  
box-shadow:4px 4px 4px 4px rgb(46, 98,  
224) }
```

Background

The CSS property to change the background color of an element to Android 4281230048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 98, 224) }
```

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

```
.background{ background-color: rgb(46, 98,  
224) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor