

Converting Colors

Android(4281823950)

Have a look what the booklet for
Android(4281823950) contains.

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Color

Android(4281823950)

Conversions

Conversions Part 1

Format	Color
Hex	3772CE
RGB	55, 114, 206
RGB Percent	22%, 45%, 81%
CMY	0.7843, 0.5529, 0.1922
CMYK	0.73, 0.45, 0.00, 0.19
HSL	217°, 61%, 51%
HSV	217°, 73%, 81%
XYZ	18.7334, 17.3031, 60.7450
YIQ	106.8470, -64.6960, 16.1040

Conversions

Conversions Part 2

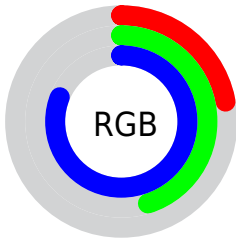
Format	Color
RYB	55, 97, 206
Decimal	3633870
CIELab	48.64, 12.36, -53.20
CIELCh	49, 54.614, 283.081
Yxy	17.3031, 0.1936, 0.1788
Android (android.graphics.Color)	4281823950 (0xFF3772CE)
YUV	106.8470, 48.8824, -45.4698
Hunter-Lab	41.5970, 7.5938, -57.4646

Details

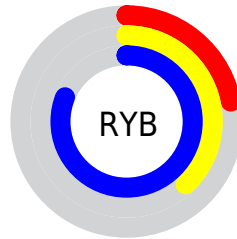
The Android color `4281823950` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark muted azure. A complement of this color would be `4291728183`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4286096895`, and `4278207383` is the 20% darker color. If you saturate the color by 10%, you get `4280444366`, and if you desaturate by 10%, it is `4283203534`.

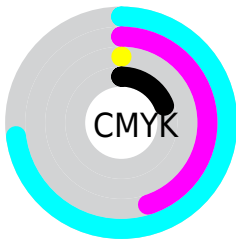
Distribution



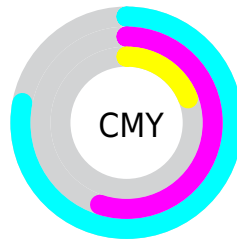
- Red (22%)
- Green (45%)
- Blue (81%)



- Red (22%)
- Yellow (38%)
- Blue (81%)



- Cyan (73%)
- Magenta (45%)
- Yellow (0%)
- Black (19%)





- Cyan (78%)
- Magenta (55%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281823950 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 4281823950 by changing the saturation by 10% instead.

 4281823950

 4281823950

4294967295

 4278213298

 4286096895

 4278207383

 4288069887

 4278201981

 4290043135

 4278197091

 4292016383


 4278191179

 4294049791

 4278191155

 4278190621

 4278190080

 4281823950

 4281823950

■ 4280444366

■ 4283203534

■ 4279130574

■ 4284517326

■ 4278210766

■ 4285896910

■ 4287210702

■ 4288590286

■ 4289969614

■ 4291283662

■ 4292662990

■ 4293977038

Harmonies

Analogous

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



4278223052



4281823950



4287585976

Triad

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



4281823950



4290532406



4278224727

Complementary

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



4281823950



4291728183

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.



4282614314



4281823950



4288702480

Square

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



4281823950



4291249761



4286019588



4278225287

Rectangle

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



4281823950



4289679518



4286019588



4278224455

Sweetspot

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



4281823950



4291288575



4281847442



4284377984



4278190080



4286611584

Same Dimension

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



4281823950



4280252159



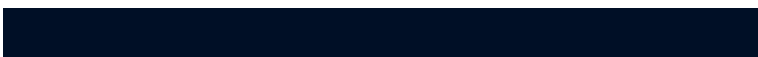
4282791886



4284244070



4278206886



4278193958

Inverse Universe

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



4291704690



4294909814



4290760247



4284898400



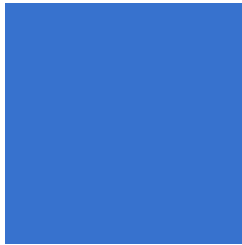
4289069121



4280680463

Previews

White Background



This preview shows how the Android color 4281823950 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 4281823950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

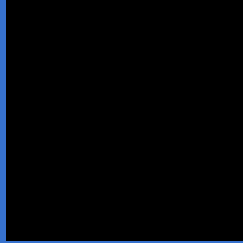
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

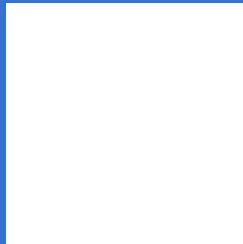
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281823950 Background



This preview shows how black text looks on a background with the Android color 4281823950.



This preview shows how white text looks on a background with the Android color 4281823950.

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

4281823950

Protanopia

4282937548

Deuteranopia

4279924173

Trichromacy



Original Color
4281823950

Protanomaly
4282544589

Deuteranomaly
4280644813

Tritanomaly
4279532450

Monochromacy



Original Color
4281823950

Achromatopsia
4285229931

Achromatomaly
4283985551

CSS Examples

Text

The CSS property to change the color of the text to Android 4281823950 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(55, 114, 206)` looks like.

```
.text, #text, p{  
    color:rgb(55, 114, 206)  
}
```

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(55, 114, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 114, 206) }
```

Border

The CSS property to change the border of an element to Android 4281823950 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(55, 114, 206) }
```

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

```
.border{ border-color:rgb(55, 114, 206) }
```

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

Here you see how a box with a 4 pixel rgb(55, 114, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 114, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 114, 206);  
box-shadow:4px 4px 4px 4px rgb(55, 114,  
206) }
```

Background

The CSS property to change the background color of an element to Android 4281823950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 114, 206) }
```

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

```
.background{ background-color: rgb(55, 114,  
206) }
```

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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