

Converting Colors

Android(4281824226)

Have a look what the booklet for
Android(4281824226) contains.

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Color

Android(4281824226)

Conversions

Conversions Part 1

Format	Color
Hex	3773E2
RGB	55, 115, 226
RGB Percent	22%, 45%, 89%
CMY	0.7843, 0.5490, 0.1137
CMYK	0.76, 0.49, 0.00, 0.11
HSL	219°, 75%, 55%
HSV	219°, 76%, 89%
XYZ	21.4337, 18.5647, 74.4052
YIQ	109.7140, -71.3910, 21.8010

Conversions

Conversions Part 2

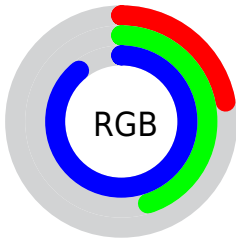
Format	Color
R _Y B	55, 99, 226
Decimal	3634146
CIE Lab	50.17, 19.11, -62.07
CIE LCh	50, 64.942, 287.109
Yxy	18.5647, 0.1874, 0.1623
Android (android.graphics.Color)	4281824226 (0xFF3773E2)
YUV	109.7140, 57.3290, -47.9842
Hunter-Lab	43.0867, 13.3940, -72.2253

Details

The Android color `4281824226` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle washed azure. A complement of this color would be `4293043767`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4286424831`, and `4278207658` is the 20% darker color. If you saturate the color by 10%, you get `4280313058`, and if you desaturate by 10%, it is `4283335394`.

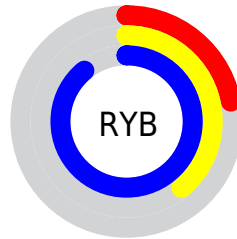
Distribution



Red (22%)

Green (45%)

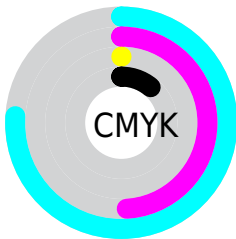
Blue (89%)



Red (22%)

Yellow (39%)

Blue (89%)

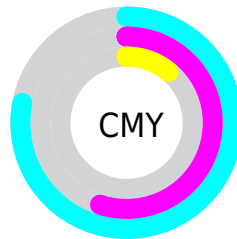


Cyan (76%)

Magenta (49%)

Yellow (0%)

Black (11%)



Cyan (78%)


Magenta (55%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281824226 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 4281824226 by changing the saturation by 10% instead.

 4281824226

 4281824226

4294967295

 4278213574

 4286424831

 4278207658

 4288463359

 4278202255

 4290436607

 4278197364

 4292475391

 4278190171

 4294508543

 4278191939

 4278190891

 4278190358

 4278190080

■ 4281824226

■ 4281824226

■ 4280313058

■ 4283335394

■ 4278867682

■ 4284780770

■ 4278210530

■ 4286291938

■ 4287737570

■ 4289248482

■ 4290759650

■ 4292205282

■ 4293716194

■ 4294965218

Harmonies

Analogous

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



4278224356



4281824226



4288698819

Triad

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



4281824226



4291318566



4278226781

Complementary

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



4281824226



4293043767

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.



4280912163



4281824226



4288965632

Square

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



4281824226



4292361050



4285693440



4278227094

Rectangle

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



4281824226



4290987684



4285693440



4278226250

Sweetspot

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



4281824226



4291090943



4281852579



4284246144



4278190080



4286611584

Same Dimension

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



4281824226



4279724287



4283316194



4284836208



4278206128



4278194480

Inverse Universe

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



4293015411



4294907752



4291551799



4285556073



4289724478



4281335825

Previews

White Background



This preview shows how the Android color 4281824226 looks on a white background.

Color Contrast Check

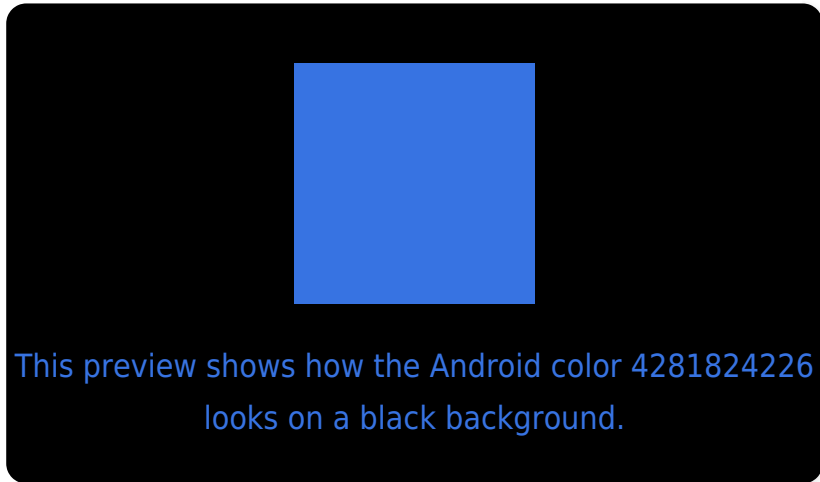
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Android 4281824226 Background



This preview shows how black text looks on a background with the Android color 4281824226.



This preview shows how white text looks on a background with the Android color 4281824226.

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

4281824226

Protanopia

4281889762

Deuteranopia

4278221268

Trichromacy



Original Color

4281824226

Protanomaly

4281889762

Deuteranomaly

4279531481

Tritanomaly

4279533228

Monochromacy



Original Color

4281824226

Achromatopsia

4285427310

Achromatomaly

4284117144

CSS Examples

Text

The CSS property to change the color of the text to Android 4281824226 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, 115, 226)` looks like.

```
.text, #text, p{  
    color:rgb(55, 115, 226)  
}
```

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, 115, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 115, 226) }
```

Border

The CSS property to change the border of an element to Android 4281824226 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, 115, 226) }
```

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

```
.border{ border-color:rgb(55, 115, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 115, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 115, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 115, 226);  
box-shadow:4px 4px 4px 4px rgb(55, 115,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4281824226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 115, 226) }
```

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

```
.background{ background-color: rgb(55, 115,  
226) }
```

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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