

Converting Colors

Android(4281966022)

Have a look what the booklet for
Android(4281966022) contains.

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Color

Android(4281966022)

Conversions

Conversions Part 1

Format	Color
Hex	399DC6
RGB	57, 157, 198
RGB Percent	22%, 62%, 78%
CMY	0.7765, 0.3843, 0.2235
CMYK	0.71, 0.21, 0.00, 0.22
HSL	197°, 55%, 50%
HSV	197°, 71%, 78%
XYZ	23.9374, 29.0610, 57.7738
YIQ	131.7740, -72.7610, -8.4490

Conversions

Conversions Part 2

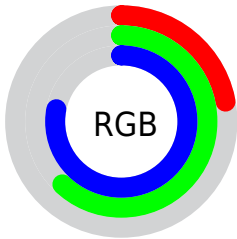
Format	Color
R _Y B	57, 116, 198
Decimal	3775942
CIE Lab	60.84, -15.43, -29.44
CIE LCh	61, 33.240, 242.336
Yxy	29.0610, 0.2161, 0.2623
Android (android.graphics.Color)	4281966022 (0xFF399DC6)
YUV	131.7740, 32.6494, -65.5768
Hunter-Lab	53.9083, -15.0786, -25.8056

Details

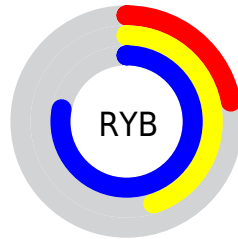
The Android color `4281966022` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle muted azure. A complement of this color would be `4291191353`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4286174463`, and `4278217360` is the 20% darker color. If you saturate the color by 10%, you get `4280653766`, and if you desaturate by 10%, it is `4283278278`.

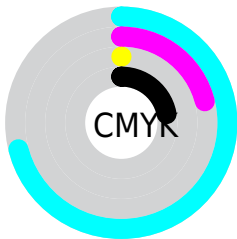
Distribution



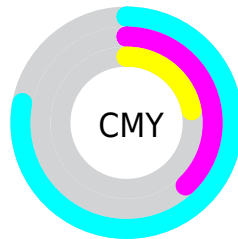
- Red (22%)
- Green (62%)
- Blue (78%)



- Red (22%)
- Yellow (45%)
- Blue (78%)



- Cyan (71%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)





- Cyan (78%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281966022 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 4281966022 by changing the saturation by 10% instead.

 4281966022

 4281966022

4294967295

 4278223787

 4286174463

 4278217360

 4288147711

 4278210934

 4290117631

 4278205021

 4292083711


 4278199621

 4294049791

 4278192431

 4278190362

 4278190080

 4281966022

 4281966022

■ 4280653766

■ 4283278278

■ 4279341510

■ 4284590534

■ 4278226118

■ 4285836998

■ 4287149254

■ 4288461510

■ 4289773766

■ 4291085766

■ 4292332486

■ 4293644742

Harmonies

Analogous

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



4279804593



4281966022



4285306317

Triad

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



4281966022



4291460242



4286945888

Complementary

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



4281966022



4291191353

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.



4288975448



4281966022



4291460981

Square

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



4281966022



4290412975



4290545760



4284653687

Rectangle

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



4281966022



4287336137



4290545760



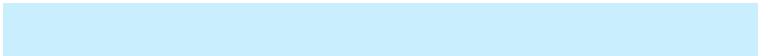
4287666268

Sweetspot

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



4281966022



4291424255



4281976417



4284511872



4278190080



4286611584

Same Dimension

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



4281966022



4280729855



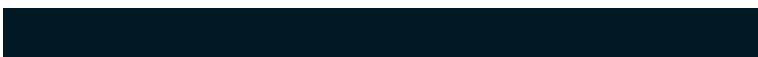
4281948358



4284113251



4278219939



4278196516

Inverse Universe

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



4291180957



4294911680



4291209017



4284701281



4288872564



4280549401

Previews

White Background



This preview shows how the Android color 4281966022 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



This preview shows how the Android color 4281966022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

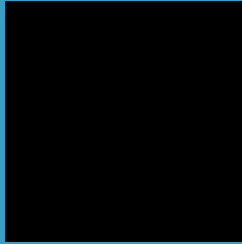
Any Text WCAG AA ✓ Pass

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 4281966022 Background



This preview shows how black text looks on a background with the Android color 4281966022.



This preview shows how white text looks on a background with the Android color 4281966022.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4281966022 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(57, 157, 198)` looks like.

```
.text, #text, p{  
    color:rgb(57, 157, 198)  
}
```

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(57, 157, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 157, 198) }
```

Border

The CSS property to change the border of an element to Android 4281966022 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(57, 157, 198) }
```

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

```
.border{ border-color:rgb(57, 157, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 157, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 157, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 157, 198);  
box-shadow:4px 4px 4px 4px rgb(57, 157,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4281966022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 157, 198) }
```

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

```
.background{ background-color: rgb(57, 157,  
198) }
```

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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