Converting Colors

Android(4284940261)

Have a look what the booklet for Android(4284940261) contains.

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Color

Android(4284940261)

Conversions

Conversions Part 1

Format	Color
Hex	66FFE5
RGB	102, 255, 229
RGB Percent	40%, 100%, 90%
CMY	0.6000, 0.0000, 0.1020
CMYK	0.60, 0.00, 0.10, 0.00
HSL	170°, 100%, 70%
HSV	170°, 60%, 100%
XYZ	55.3823, 80.0019, 86.6517
YIQ	206.2890, -82.8420, -40.5220

Conversions

Conversions Part 2

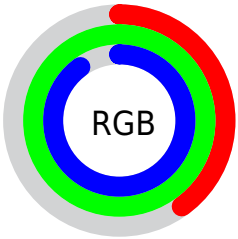
Format	Color
RYB	102, 186, 255
Decimal	6750181
CIELab	91.69, -46.54, 0.33
CIELCh	92, 46.544, 179.600
Yxy	80.0019, 0.2494, 0.3603
Android (android.graphics.Color)	4284940261 (0xFF66FFE5)
YUV	206.2890, 11.1965, -91.4615
Hunter-Lab	89.4438, -46.0019, 5.1715

Details

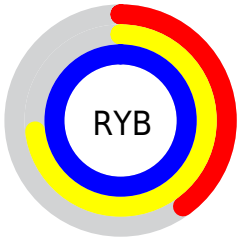
The Android color 4284940261 is a light color, and the websafe version is hex 66FFCC. A complement of this color would be 4294928000, and the grayscale version is 4291743438.

A 20% lighter version of the original color is 4289134591, and 4278240686 is the 20% darker color. If you saturate the color by 10%, you get 4283301857, and if you desaturate by 10%, it is 4286644201.

Distribution

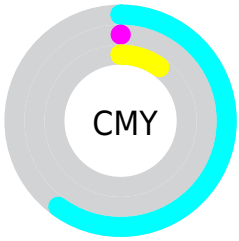


- Red (40%)
- Green (100%)
- Blue (90%)



- Red (40%)
- Yellow (73%)
- Blue (100%)

- Cyan (60%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284940261 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 4284940261 by changing the saturation by 10% instead.

4284940261

4294967295

4289134591

4291166207

4293197823

4284940261

4282573513

4278240686

4278233747

4278226809

4278219873

4278213449

4278207027

4278201373

4278193157

4284940261

4283301857

4281597916

4279893976

4278255572

4284940261

4286644201

4288282606

4289986546

4291624950

4293328891

4294967295

Harmonies

Analogous

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

4288871352

4284940261

4281335551

Triad

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

4284940261

4293647615

4294956443

Complementary

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

4284940261

4294928000

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.

4294953149

4284940261

4294954495

Square

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

4284940261

4289129727

4294952425

4294960269

Rectangle

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

4284940261

4282448639

4294952425

4294955173

Sweetspot

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

4284940261

4291952631

4286775142

4284711035

4278190080

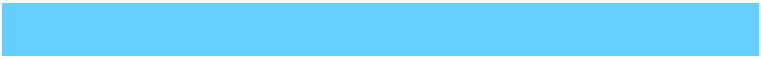
4286611584

Same Dimension

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

4284940261

4282908640



4284927999

4285759613

4278239135

4278206517

Inverse Universe

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

4294928000

4294920039

4294940262

4286608245

4290707488

4282384395

Previews

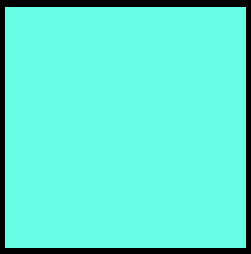
White Background

This preview shows how the Android color 4284940261 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



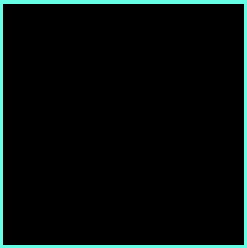
This preview shows how the Android color 4284940261 looks on a black background.

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 ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4284940261 Background



This preview shows how black text looks on a background with the Android color 4284940261.

This preview shows how white text looks on a background with the Android color 4284940261.

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
4284940261

Protanopia
4293780694

Deuteranopia
4294500076

Tritanopia
4289458943

Trichromacy

Original Color
4284940261

Protanomaly
4290571995

Deuteranomaly
4291029737

Tritanomaly
4287821814

Monochromacy

Original Color
4284940261

Achromatopsia
4291743438

Achromatomaly
4289257686

CSS Examples

Text

The CSS property to change the color of the text to Android 4284940261 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(102, 255, 229) looks like.

```
.text, #text, p{
    color:rgb(102, 255, 229)
}
```

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(102, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 229) }
```

Border

The CSS property to change the border of an element to Android 4284940261 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(102, 255, 229) }
```

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

```
.border{ border-color:rgb(102, 255, 229) }
```

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

Here you see how a box with a 4 pixel rgb(102, 255, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 255, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 255, 229); box-shadow:4px 4px 4px 4px rgb(102, 255, 229) }
```

Background

The CSS property to change the background color of an element to Android 4284940261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(102, 255, 229) }
```

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

```
.background{ background-color:rgb(102,
255, 229) }
```

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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