

Converting Colors

Android(4285196001)

Have a look what the booklet for
Android(4285196001) contains.

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Color

Android(4285196001)

Conversions

Conversions Part 1

Format	Color
Hex	6AE6E1
RGB	106, 230, 225
RGB Percent	42%, 90%, 88%
CMY	0.5843, 0.0980, 0.1176
CMYK	0.54, 0.00, 0.02, 0.10
HSL	178°, 71%, 66%
HSV	178°, 54%, 90%
XYZ	47.8313, 65.0940, 81.2776
YIQ	192.3540, -72.2990, -27.8430

Conversions

Conversions Part 2

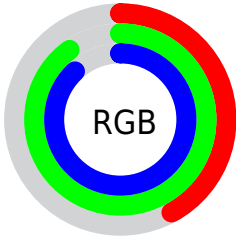
Format	Color
RYB	106, 169, 230
Decimal	7005921
CIELab	84.53, -35.62, -8.09
CIELCh	85, 36.531, 192.802
Yxy	65.0940, 0.2463, 0.3352
Android (android.graphics.Color)	4285196001 (0xFF6AE6E1)
YUV	192.3540, 16.0945, -75.7325
Hunter-Lab	80.6809, -35.3687, -3.2519

Details

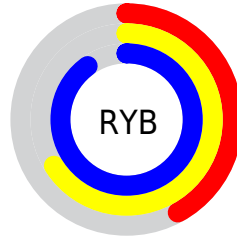
The Android color `4285196001` is a light color, and the websafe version is hex `66FFFF`. A complement of this color would be `4293290607`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4289200127`, and `4280397482` is the 20% darker color. If you saturate the color by 10%, you get `4283688672`, and if you desaturate by 10%, it is `4286703330`.

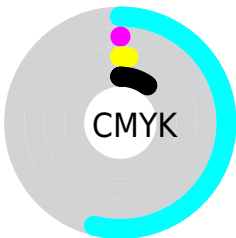
Distribution



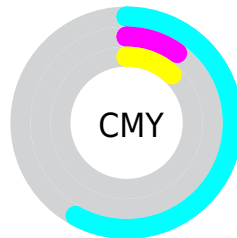
- Red (42%)
- Green (90%)
- Blue (88%)



- Red (42%)
- Yellow (66%)
- Blue (90%)



- Cyan (54%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (58%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285196001 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 4285196001 by changing the saturation by 10% instead.

 4285196001

 4285196001

4294967295

 4283091653

 4289200127

 4280397482

 4291166207

 4278227855

 4293132287

 4278221174

 4278214493

 4278208326

 4278202415

 4278196507

 4278190080

■ 4285196001

■ 4285196001

■ 4283688672

■ 4286703330

■ 4282181343

■ 4288210659

■ 4280674014

■ 4289717988

■ 4279166685

■ 4291225317

■ 4278249181

■ 4292732646

■ 4294239975

■ 4294960871

■ 4294960872

■ 4294960873

Harmonies

Analogous

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



4287489213



4285196001



4284802047

Triad

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



4285196001



4293576191



4294822546

Complementary

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



4285196001



4293290607

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.



4294950822



4285196001



4294950120

Square

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



4285196001



4290499071



4294949317



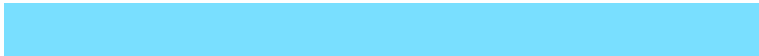
4292662927

Rectangle

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



4285196001



4286177279



4294949317



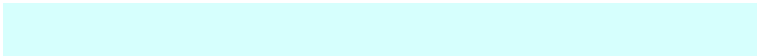
4294952599

Sweetspot

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



4285196001



4292280317



4285589098



4284973183



4278190080



4286611584

Same Dimension

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



4285196001



4284088312



4285181670



4284969842



4278236075



4278203185

Inverse Universe

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



4293290607



4294924640



4293304938



4285753192



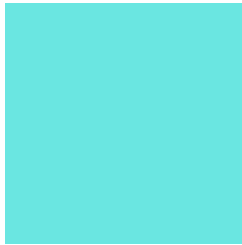
4289921031



4281532418

Previews

White Background



This preview shows how the Android color 4285196001 looks on a white background.

Color Contrast Check

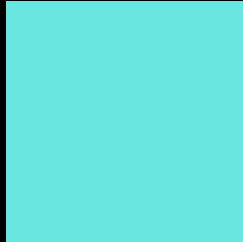
Large Text (above 18pt) WCAG AA × Fail

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 4285196001 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 4285196001 Background



This preview shows how black text looks on a background with the Android color 4285196001.

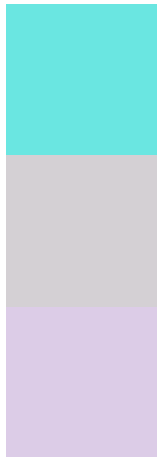


This preview shows how white text looks on a background with the Android color 4285196001.

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
4285196001

Protanopia
4292137172

Deuteranopia
4292660455

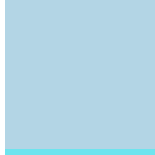
Trichromacy



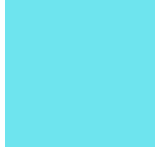
Original Color
4285196001



Protanomaly
4289583321



Deuteranomaly
4289975781

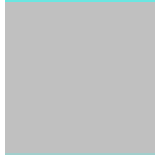


Tritanomaly
4285457646

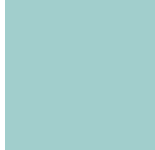
Monochromacy



Original Color
4285196001



Achromatopsia
4290822336



Achromatomaly
4288794316

CSS Examples

Text

The CSS property to change the color of the text to Android 4285196001 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(106, 230, 225)` looks like.

```
.text, #text, p{  
    color:rgb(106, 230, 225)  
}
```

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(106, 230, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 230, 225) }
```

Border

The CSS property to change the border of an element to Android 4285196001 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(106, 230, 225) }
```

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

```
.border{ border-color:rgb(106, 230, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 230, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 230, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 230, 225);  
box-shadow:4px 4px 4px 4px rgb(106, 230,  
225) }
```

Background

The CSS property to change the background color of an element to Android 4285196001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 230, 225) }
```

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

```
.background{ background-color: rgb(106,  
230, 225) }
```

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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