

Converting Colors

Android(4285186004)

Have a look what the booklet for
Android(4285186004) contains.

Android(4285186004)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285186004)

Conversions

Conversions Part 1

Format	Color
Hex	6ABFD4
RGB	106, 191, 212
RGB Percent	42%, 75%, 83%
CMY	0.5843, 0.2510, 0.1686
CMYK	0.50, 0.10, 0.00, 0.17
HSL	192°, 55%, 62%
HSV	192°, 50%, 83%
XYZ	36.4583, 45.0792, 69.0670
YIQ	167.9790, -57.4010, -11.4890

Conversions

Conversions Part 2

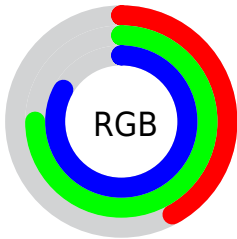
Format	Color
R _{YB}	106, 153, 212
Decimal	6995924
CIE Lab	72.94, -20.09, -18.49
CIE LCh	73, 27.303, 222.632
Yxy	45.0792, 0.2421, 0.2993
Android (android.graphics.Color)	4285186004 (0xFF6ABFD4)
YUV	167.9790, 21.7024, -54.3556
Hunter-Lab	67.1411, -20.5695, -13.9919

Details

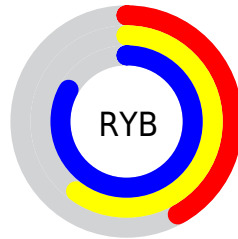
The Android color `4285186004` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292116330`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4288936191`, and `4281108893` is the 20% darker color. If you saturate the color by 10%, you get `4283808724`, and if you desaturate by 10%, it is `4286563284`.

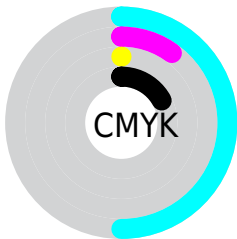
Distribution



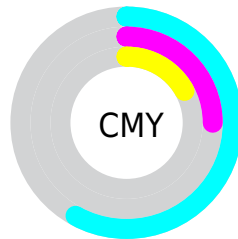
- Red (42%)
- Green (75%)
- Blue (83%)



- Red (42%)
- Yellow (60%)
- Blue (83%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (58%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285186004 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 4285186004 by changing the saturation by 10% instead.



4285186004



4285186004

4294967295



4283278520



4288936191



4281108893



4290838527



4278218883



4292804607



4278212458



4294770687



4278206546



4278200635



4278195237



4278190351



4278190080

■ 4285186004

■ 4285186004

■ 4283808724

■ 4286563284

■ 4282431444

■ 4287940564

■ 4280988372

■ 4289383636

■ 4279611092

■ 4290760916

■ 4278233812

■ 4292138196

■ 4293515476

■ 4294892756

■ 4294959572

■ 4294960596

Harmonies

Analogous

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



4285317565



4285186004



4286626530

Triad

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



4285186004



4292649667



4290426242

Complementary

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



4285186004



4292116330

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.



4291996804



4285186004



4293304745

Square

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



4285186004



4291078616



4293043602



4288593038

Rectangle

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



4285186004



4288132581



4293043602



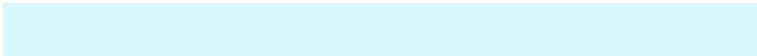
4291015297

Sweetspot

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



4285186004



4292474879



4285191293



4285102976



4278190080



4286611584

Same Dimension

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



4285186004



4284932607



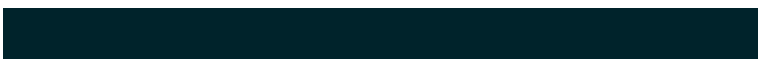
4285172948



4284508523



4278225323



4278199083

Inverse Universe

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



4292111039



4294928097



4292129386



4285227113



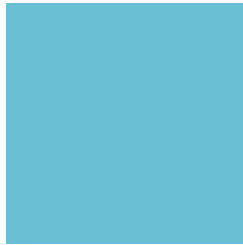
4289396873



4281008163

Previews

White Background



This preview shows how the Android color 4285186004 looks on a white background.

Color Contrast Check

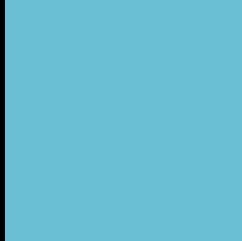
Large Text (above 18pt) WCAG AA × Fail

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 4285186004 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 4285186004 Background



This preview shows how black text looks on a background with the Android color 4285186004.



This preview shows how white text looks on a background with the Android color 4285186004.

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



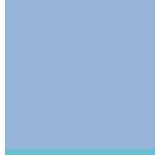
Trichromacy



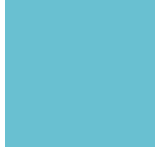
Original Color
4285186004



Protanomaly
4288001742



Deuteranomaly
4288132311

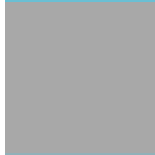


Tritanomaly
4285120721

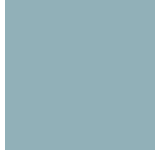
Monochromacy



Original Color
4285186004



Achromatopsia
4289243304



Achromatomaly
4287738040

CSS Examples

Text

The CSS property to change the color of the text to Android 4285186004 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, 191, 212)` looks like.

```
.text, #text, p{  
    color:rgb(106, 191, 212)  
}
```

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, 191, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 191, 212) }
```

Border

The CSS property to change the border of an element to Android 4285186004 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, 191, 212) }
```

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

```
.border{ border-color:rgb(106, 191, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 191, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 191, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 191, 212);  
box-shadow:4px 4px 4px 4px rgb(106, 191,  
212) }
```

Background

The CSS property to change the background color of an element to Android 4285186004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 191, 212) }
```

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

```
.background{ background-color: rgb(106,  
191, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor