

Converting Colors

Android(4286696936)

Have a look what the booklet for
Android(4286696936) contains.

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Color

Android(4286696936)

Conversions

Conversions Part 1

Format	Color
Hex	81CDE8
RGB	129, 205, 232
RGB Percent	51%, 80%, 91%
CMY	0.4941, 0.1961, 0.0902
CMYK	0.44, 0.12, 0.00, 0.09
HSL	196°, 69%, 71%
HSV	196°, 44%, 91%
XYZ	45.4501, 54.1560, 84.4016
YIQ	185.3540, -53.9630, -7.7150

Conversions

Conversions Part 2

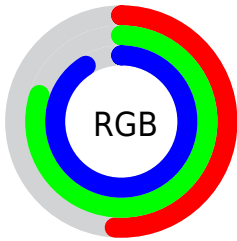
Format	Color
RYB	129, 173, 232
Decimal	8506856
CIELab	78.55, -16.56, -20.70
CIELCh	79, 26.510, 231.338
Yxy	54.1560, 0.2470, 0.2943
Android (android.graphics.Color)	4286696936 (0xFF81CDE8)
YUV	185.3540, 22.9965, -49.4225
Hunter-Lab	73.5907, -18.5411, -16.4865

Details

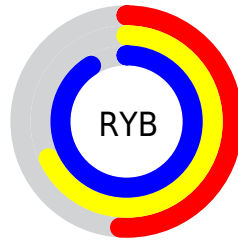
The Android color `4286696936` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4293434497`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4290445311`, and `4282947504` is the 20% darker color. If you saturate the color by 10%, you get `4285188072`, and if you desaturate by 10%, it is `4288205800`.

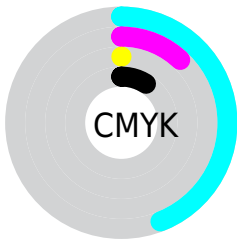
Distribution



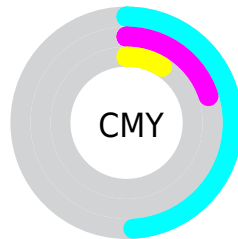
- Red (51%)
- Green (80%)
- Blue (91%)



- Red (51%)
- Yellow (68%)
- Blue (91%)



- Cyan (44%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286696936 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 4286696936 by changing the saturation by 10% instead.



4286696936



4286696936

4294967295



4284854732



4290445311



4282947504



4292345855



4280778134



4294311935



4278215804



4278209635



4278203723



4278198324



4278190623



4278190082

■ 4286696936

■ 4286696936

■ 4285188072

■ 4288205800

■ 4283679208

■ 4289714664

■ 4282104808

■ 4291289064

■ 4280595944

■ 4292797928

■ 4279087080

■ 4294306792

■ 4278234088

■ 4294963688

■ 4294965480

■ 4294967016

■ 4294967272

Harmonies

Analogous

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



4286370003



4286696936



4288399347

Triad

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



4286696936



4293898699



4290954900

Complementary

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



4286696936



4293434497

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.



4292591250



4286696936



4294291890

Square

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



4286696936



4292589281



4293834397



4289121443

Rectangle

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



4286696936



4289839602



4293834397



4291544210

Sweetspot

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



4286696936



4292802303



4286703771



4285233792



4278190080



4286611584

Same Dimension

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



4286696936



4286110975



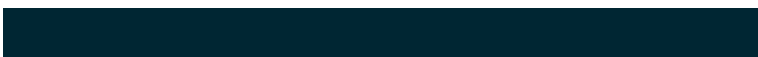
4286684136



4284969075



4278224051



4278199859

Inverse Universe

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



4293427661



4294932700



4293447297



4285753200



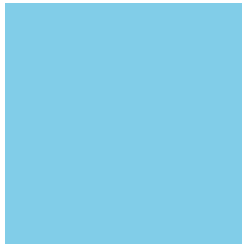
4289921156



4281532454

Previews

White Background



This preview shows how the Android color 4286696936 looks on a white background.

Color Contrast Check

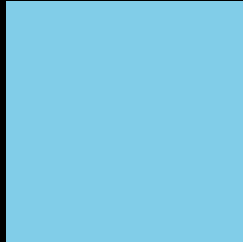
Large Text (above 18pt) WCAG AA × Fail

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 4286696936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

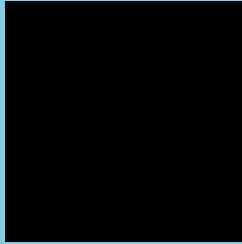
Any Text WCAG AA ✓ Pass

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 4286696936 Background



This preview shows how black text looks on a background with the Android color 4286696936.



This preview shows how white text looks on a background with the Android color 4286696936.

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

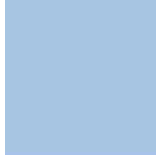


Trichromacy



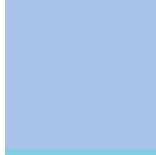
Original Color

4286696936



Protanomaly

4289185250



Deuteranomaly

4289250282



Tritanomaly

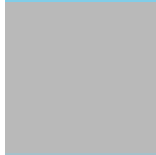
4286566114

Monochromacy



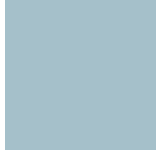
Original Color

4286696936



Achromatopsia

4290361785



Achromatomaly

4289052874

CSS Examples

Text

The CSS property to change the color of the text to Android 4286696936 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(129, 205, 232)` looks like.

```
.text, #text, p{  
    color:rgb(129, 205, 232)  
}
```

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(129, 205, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 205, 232) }
```

Border

The CSS property to change the border of an element to Android 4286696936 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(129, 205, 232) }
```

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

```
.border{ border-color:rgb(129, 205, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 205, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 205, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 205, 232); box-shadow:4px 4px 4px 4px rgb(129, 205, 232) }
```

Background

The CSS property to change the background color of an element to Android 4286696936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 205, 232) }
```

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

```
.background{ background-color: rgb(129,  
205, 232) }
```

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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