

Converting Colors

Android(4284471786)

Have a look what the booklet for
Android(4284471786) contains.

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Color

Android(4284471786)

Conversions

Conversions Part 1

Format	Color
Hex	5FD9EA
RGB	95, 217, 234
RGB Percent	37%, 85%, 92%
CMY	0.6275, 0.1490, 0.0824
CMYK	0.59, 0.07, 0.00, 0.08
HSL	187°, 77%, 65%
HSV	187°, 59%, 92%
XYZ	44.3835, 57.9991, 86.6976
YIQ	182.4600, -78.1690, -20.5770

Conversions

Conversions Part 2

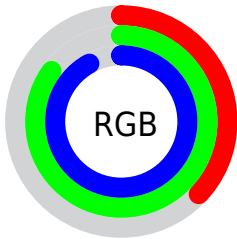
Format	Color
RYB	95, 160, 234
Decimal	6281706
CIELab	80.74, -29.07, -18.58
CIELCh	81, 34.498, 212.592
Yxy	57.9991, 0.2347, 0.3067
Android (android.graphics.Color)	4284471786 (0xFF5FD9EA)
YUV	182.4600, 25.4092, -76.7024
Hunter-Lab	76.1572, -29.2474, -14.1860

Details

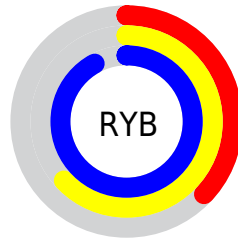
The Android color `4284471786` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4293554271`, and the grayscale version is `4290164406`.

A 20% lighter version of the original color is `4288544767`, and `4278231730` is the 20% darker color. If you saturate the color by 10%, you get `4282963690`, and if you desaturate by 10%, it is `4285979882`.

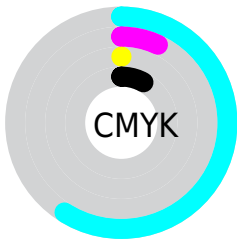
Distribution



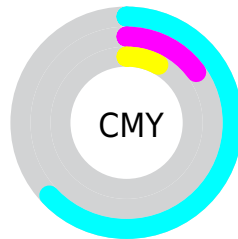
- Red (37%)
- Green (85%)
- Blue (92%)



- Red (37%)
- Yellow (63%)
- Blue (92%)



- Cyan (59%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (63%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284471786 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 4284471786 by changing the saturation by 10% instead.

 4284471786

 4284471786

4294967295

 4282170830

 4288544767

 4278231730

 4290576383

 4278224792

 4292542463

 4278218366

 4294574079

 4278211941

 4278205773

 4278200118

 4278191905

 4278190086

■ 4284471786

■ 4284471786

■ 4282963690

■ 4285979882

■ 4281390058

■ 4287553514

■ 4279881962

■ 4289061610

■ 4278308586

■ 4290634986

■ 4278242794

■ 4292143082

■ 4293651178

■ 4294962666

■ 4294963434

■ 4294964202

Harmonies

Analogous

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



4285651658



4284471786



4285912319

Triad

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



4284471786



4294227431



4292659080

Complementary

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



4284471786



4293554271

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.



4294491280



4284471786



4294947015

Square

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



4284471786



4291936255



4294947751



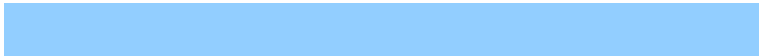
4290433425

Rectangle

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



4284471786



4287811327



4294947751



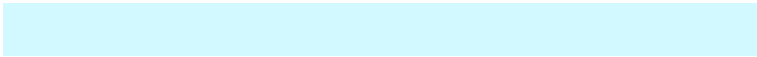
4293313673

Sweetspot

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



4284471786



4291951103



4284476015



4284710016



4278190080



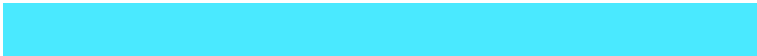
4286611584

Same Dimension

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



4284471786



4283099647



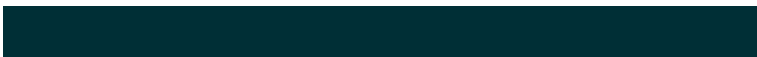
4284454122



4285166709



4278230965



4278202166

Inverse Universe

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



4293550041



4294920937



4293571935



4285885044



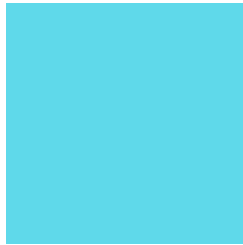
4290052255



4281729071

Previews

White Background



This preview shows how the Android color 4284471786 looks on a white background.

Color Contrast Check

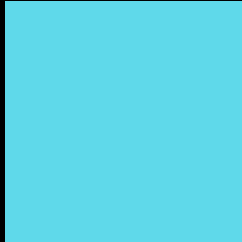
Large Text (above 18pt) WCAG AA × Fail

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 4284471786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

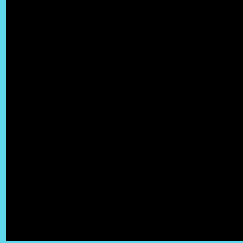
Any Text WCAG AA ✓ Pass

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 4284471786 Background



This preview shows how black text looks on a background with the Android color 4284471786.

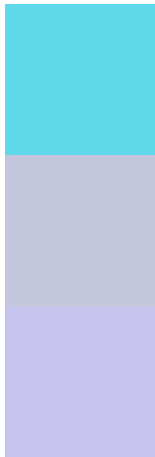


This preview shows how white text looks on a background with the Android color 4284471786.

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
4284471786

Protanopia
4291086045

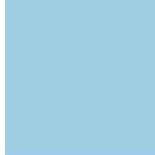
Deuteranopia
4291281903

Trichromacy



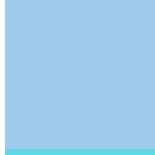
Original Color

4284471786



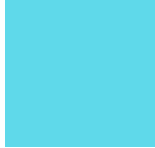
Protanomaly

4288663010



Deuteranomaly

4288793581



Tritanomaly

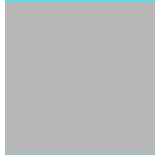
4284471786

Monochromacy



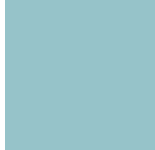
Original Color

4284471786



Achromatopsia

4290164406



Achromatomaly

4288070601

CSS Examples

Text

The CSS property to change the color of the text to Android 4284471786 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(95, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(95, 217, 234)  
}
```

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(95, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 217, 234) }
```

Border

The CSS property to change the border of an element to Android 4284471786 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(95, 217, 234) }
```

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

```
.border{ border-color:rgb(95, 217, 234) }
```

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

Here you see how a box with a 4 pixel rgb(95, 217, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(95, 217,  
234) }
```

Background

The CSS property to change the background color of an element to Android 4284471786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 217, 234) }
```

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

```
.background{ background-color: rgb(95, 217,  
234) }
```

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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