

Converting Colors

Android(4283870940)

Have a look what the booklet for
Android(4283870940) contains.

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Color

Android(4283870940)

Conversions

Conversions Part 1	
Format	Color
Hex	56AEDC
RGB	86, 174, 220
RGB Percent	34%, 68%, 86%
CMY	0.6627, 0.3176, 0.1373
CMYK	0.61, 0.21, 0.00, 0.14
HSL	201°, 66%, 60%
HSV	201°, 61%, 86%
XYZ	31.8921, 37.4178, 73.2516
YIQ	152.9320, -67.2140, -4.3500

Conversions

Conversions Part 2

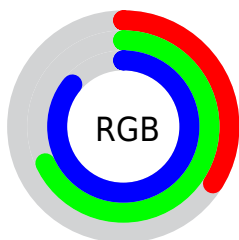
Format	Color
RYB	86, 139, 220
Decimal	5680860
CIELab	67.59, -12.85, -31.13
CIELCh	68, 33.677, 247.560
Yxy	37.4178, 0.2237, 0.2625
Android (android.graphics.Color)	4283870940 (0xFF56AEDC)
YUV	152.9320, 33.0645, -58.6994
Hunter-Lab	61.1701, -13.9838, -28.1811

Details

The Android color **4283870940** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **4292641878**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4287817215**, and **4278221477** is the 20% darker color. If you saturate the color by 10%, you get **4282427100**, and if you desaturate by 10%, it is **4285314780**.

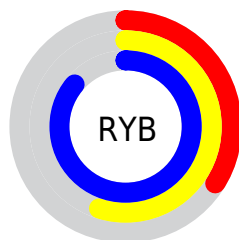
Distribution



Red (34%)

Green (68%)

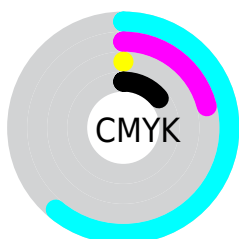
Blue (86%)



Red (34%)

Yellow (55%)

Blue (86%)

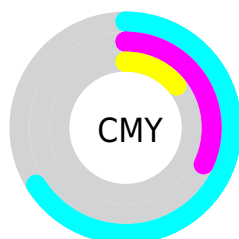


Cyan (61%)

Magenta (21%)

Yellow (0%)

Black (14%)



Cyan (66%)

Magenta (32%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283870940 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 4283870940 by changing the saturation by 10% instead.

 4283870940

 4283870940

4294967295

 4281635776

 4287817215

 4278221477

 4289789951

 4278215050

 4291756031

 4278208881

 4293722111

 4278203224

 4278197824

 4278190890

 4278190356

 4278190080

 4283870940	 4283870940
 4282427100	 4285314780
 4280983516	 4286758364
 4279539676	 4288202204
 4278227164	 4289645788
	 4291089628
	 4292533212
	 4293977052
	 4294961884
	 4294963932

Harmonies

Analogous

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



4281775049



4283870940



4287079904

Triad

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



4283870940



4292906398



4287737460

Complementary

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



4283870940



4292641878

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.



4289897832



4283870940



4292711041

Square

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



4283870940



4291924412



4291664749



4285313932

Rectangle

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



4283870940



4289044186



4291664749



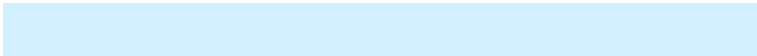
4288457582

Sweetspot

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



4283870940



4291948543



4283882627



4284708480



4278190080



4286611584

Same Dimension

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



4283870940



4282761215



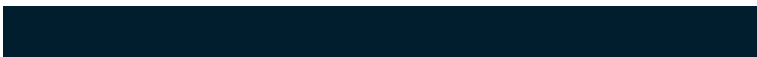
4283854044



4284705390



4278219437



4278197806

Inverse Universe

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



4292630190



4294919615



4292658774



4285424490



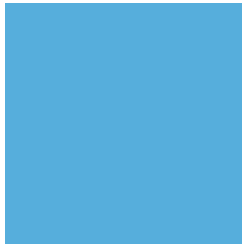
4289527922



4281204766

Previews

White Background



This preview shows how the Android color 4283870940 looks on a white background.

Color Contrast Check

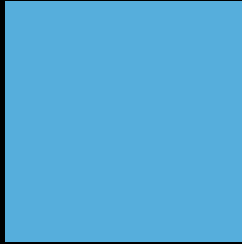
Large Text (above 18pt) WCAG AA × Fail

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 4283870940 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 4283870940 Background



This preview shows how black text looks on a background with the Android color 4283870940.

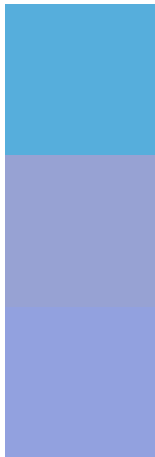


This preview shows how white text looks on a background with the Android color 4283870940.

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
4283870940

Protanopia
4288127699

Deuteranopia
4287799775

Trichromacy

	Original Color 4283870940
	Protanomaly 4286555862
	Deuteranomaly 4286359262
	Tritanomaly 4283347403

Monochromacy

	Original Color 4283870940
	Achromatopsia 4288256409
	Achromatomaly 4286685617

CSS Examples

Text

The CSS property to change the color of the text to Android 4283870940 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(86, 174, 220)` looks like.

```
.text, #text, p{  
    color:rgb(86, 174, 220)  
}
```

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(86, 174, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 174, 220) }
```

Border

The CSS property to change the border of an element to Android 4283870940 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(86, 174, 220) }
```

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

```
.border{ border-color:rgb(86, 174, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 174, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 174, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 174, 220);  
box-shadow:4px 4px 4px 4px rgb(86, 174,  
220) }
```

Background

The CSS property to change the background color of an element to Android 4283870940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 174, 220) }
```

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

```
.background{ background-color: rgb(86, 174,  
220) }
```

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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