

Converting Colors

Android(4283803846)

Have a look what the booklet for
Android(4283803846) contains.

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Color

Android(4283803846)

Conversions

Conversions Part 1

Format	Color
Hex	55A8C6
RGB	85, 168, 198
RGB Percent	33%, 66%, 78%
CMY	0.6667, 0.3412, 0.2235
CMYK	0.57, 0.15, 0.00, 0.22
HSL	196°, 50%, 55%
HSV	196°, 57%, 78%
XYZ	27.9420, 34.0138, 58.5187
YIQ	146.6030, -59.0980, -8.2660

Conversions

Conversions Part 2

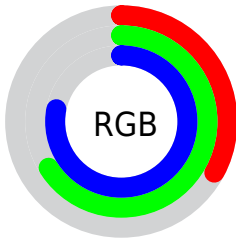
Format	Color
RYP	85, 133, 198
Decimal	5613766
CIELab	64.97, -16.56, -23.00
CIElCh	65, 28.341, 234.243
Yxy	34.0138, 0.2319, 0.2823
Android (android.graphics.Color)	4283803846 (0xFF55A8C6)
YUV	146.6030, 25.3387, -54.0258
Hunter-Lab	58.3213, -16.5423, -18.6657

Details

The Android color **4283803846** 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 **4291195733**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4287619071**, and **4278678672** is the 20% darker color. If you saturate the color by 10%, you get **4282491846**, and if you desaturate by 10%, it is **4285115846**.

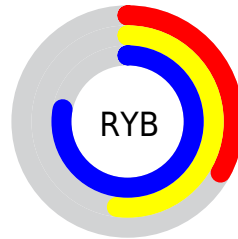
Distribution



Red (33%)

Green (66%)

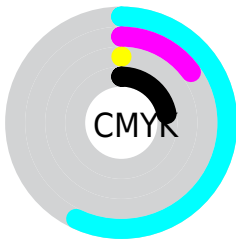
Blue (78%)



Red (33%)

Yellow (52%)

Blue (78%)

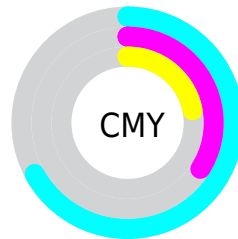


Cyan (57%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (67%)

Magenta (34%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283803846 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 4283803846 by changing the saturation by 10% instead.



4283803846



4283803846

4294967295



4281765547



4287619071



4278678672



4289527039



4278213494



4291428351



4278207582



4293394431



4278201670



4278196783



4278190362



4278190080



4283803846



4283803846

■ 4282491846

■ 4285115846

■ 4281179590

■ 4286428102

■ 4279933126

■ 4287674566

■ 4278621126

■ 4288986566

■ 4278227398

■ 4290298566

■ 4291610822

■ 4292922822

■ 4294169286

■ 4294956998

Harmonies

Analogous

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



4283280306



4283803846



4285899472

Triad

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



4283803846



4291595172



4288324207

Complementary

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



4283803846



4291195733

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.



4290026091



4283803846



4291857546

Square

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



4283803846



4290351292



4291269237



4286425215

Rectangle

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



4283803846



4287536335



4291269237



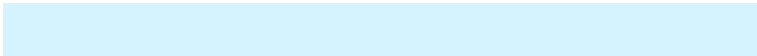
4288913516

Sweetspot

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



4283803846



4292146175



4283811441



4284905856



4278190080



4286611584

Same Dimension

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



4283803846



4283617791



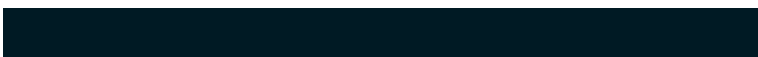
4283789766



4284113251



4278220963



4278196772

Inverse Universe

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



4291188136



4294922961



4291209813



4284701281



4288872568



4280549402

Previews

White Background



This preview shows how the Android color 4283803846 looks on a white background.

Color Contrast Check

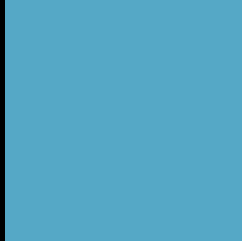
Large Text (above 18pt) WCAG AA × Fail

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 4283803846 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 4283803846 Background



This preview shows how black text looks on a background with the Android color 4283803846.



This preview shows how white text looks on a background with the Android color 4283803846.

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



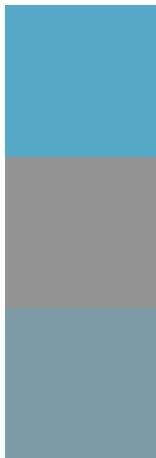
Original Color
4283803846

Protanomaly
4286488768

Deuteranomaly
4286488520

Tritanomaly
4283541949

Monochromacy



Original Color
4283803846

Achromatopsia
4287861651

Achromatomaly
4286356390

CSS Examples

Text

The CSS property to change the color of the text to Android 4283803846 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(85, 168, 198)` looks like.

```
.text, #text, p{  
    color:rgb(85, 168, 198)  
}
```

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(85, 168, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 168, 198) }
```

Border

The CSS property to change the border of an element to Android 4283803846 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(85, 168, 198) }
```

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

```
.border{ border-color:rgb(85, 168, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 168, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 168, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 168, 198);  
box-shadow:4px 4px 4px 4px rgb(85, 168,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4283803846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 168, 198) }
```

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

```
.background{ background-color: rgb(85, 168,  
198) }
```

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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