

Converting Colors

Android(4283930051)

Have a look what the booklet for
Android(4283930051) contains.

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Color

Android(4283930051)

Conversions

Conversions Part 1

Format	Color
Hex	5795C3
RGB	87, 149, 195
RGB Percent	34%, 58%, 76%
CMY	0.6588, 0.4157, 0.2353
CMYK	0.55, 0.24, 0.00, 0.24
HSL	206°, 47%, 55%
HSV	206°, 55%, 76%
XYZ	24.5283, 27.4613, 55.6375
YIQ	135.7060, -51.7180, 1.1620

Conversions

Conversions Part 2

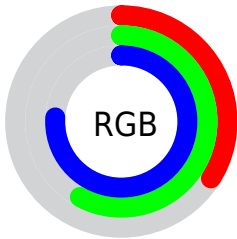
Format	Color
R_{YB}	87, 126, 195
Decimal	5739971
CIE _{Lab}	59.40, -6.66, -29.90
CIE _{LCh}	59, 30.630, 257.434
Yxy	27.4613, 0.2279, 0.2552
Android (android.graphics.Color)	4283930051 (0xFF5795C3)
YUV	135.7060, 29.2319, -42.7152
Hunter-Lab	52.4035, -8.1565, -26.2666

Details

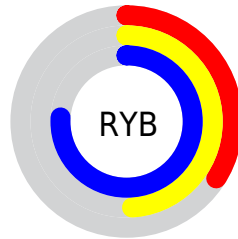
The Android color `4283930051` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `4291003735`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4287679484`, and `4279526029` is the 20% darker color. If you saturate the color by 10%, you get `4282617283`, and if you desaturate by 10%, it is `4285242819`.

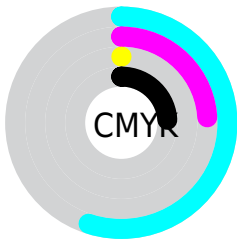
Distribution



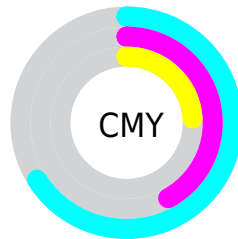
- Red (34%)
- Green (58%)
- Blue (76%)



- Red (34%)
- Yellow (49%)
- Blue (76%)



- Cyan (55%)
- Magenta (24%)
- Yellow (0%)
- Black (24%)



- Cyan (66%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283930051 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 4283930051 by changing the saturation by 10% instead.



4283930051



4283930051

4294967295



4281957288



4287679484



4279526029



4289521663



4278209395



4291428351



4278203483



4293394431



4278198083



4278190893



4278190359



4278190080



4283930051



4283930051

■ 4282617283

■ 4285242819

■ 4281369795

■ 4286490307

■ 4280057027

■ 4287803075

■ 4278809795

■ 4289050307

■ 4278218947

■ 4290363331

■ 4291610563

■ 4292857795

■ 4294170563

■ 4294959299

Harmonies

Analogous

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



4281441206



4283930051



4286745794

Triad

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



4283930051



4291066752



4285765994

Complementary

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



4283930051



4291003735

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.



4287730267



4283930051



4290609513

Square

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



4283930051



4290608283



4289431899



4283604354

Rectangle

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



4283930051



4288382650



4289431899



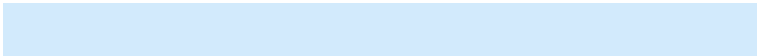
4286420835

Sweetspot

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



4283930051



4292012796



4283941764



4284904832



4278190080



4286611584

Same Dimension

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



4283930051



4283872764



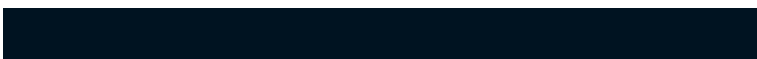
4283916483



4283915617



4278213793



4278194977

Inverse Universe

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



4290992021



4294727349



4291017303



4284569437



4288741468



4280352787

Previews

White Background



This preview shows how the Android color 4283930051 looks on a white background.

Color Contrast Check

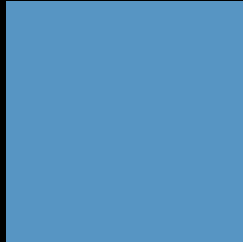
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283930051 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4283930051 Background



This preview shows how black text looks on a background with the Android color 4283930051.

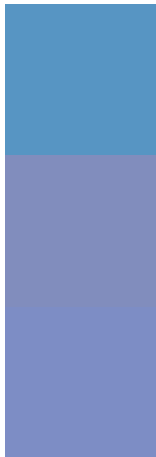


This preview shows how white text looks on a background with the Android color 4283930051.

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
4283930051

Protanopia
4286680509

Deuteranopia
4286418373

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4283930051 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(87, 149, 195)` looks like.

```
.text, #text, p{  
    color:rgb(87, 149, 195)  
}
```

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(87, 149, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 149, 195) }
```

Border

The CSS property to change the border of an element to Android 4283930051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

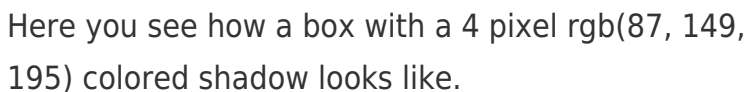
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(87, 149, 195) }
```

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

```
.border{ border-color:rgb(87, 149, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(87, 149, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(87, 149, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(87, 149, 195); box-shadow:4px 4px 4px 4px rgb(87, 149, 195) }
```

Background

The CSS property to change the background color of an element to Android 4283930051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 149, 195) }
```

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

```
.background{ background-color: rgb(87, 149,  
195) }
```

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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