

Converting Colors

Android(4283849830)

Have a look what the booklet for
Android(4283849830) contains.

Android(4283849830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283849830)

Conversions

Conversions Part 1	
Format	Color
Hex	565C66
RGB	86, 92, 102
RGB Percent	34%, 36%, 40%
CMY	0.6627, 0.6392, 0.6000
CMYK	0.16, 0.10, 0.00, 0.60
HSL	218°, 9%, 37%
HSV	218°, 16%, 40%
XYZ	10.0632, 10.5920, 14.0845
YIQ	91.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

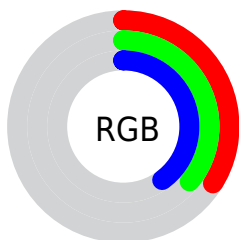
Format	Color
RYB	86, 90, 102
Decimal	5659750
CIELab	38.88, -0.03, -6.52
CIELCh	39, 6.519, 269.708
Yxy	10.5920, 0.2897, 0.3049
Android (android.graphics.Color)	4283849830 (0xFF565C66)
YUV	91.3460, 5.2524, -4.6884
Hunter-Lab	32.5454, -1.7615, -2.8767

Details

The Android color `4283849830` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4284899414`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4287139481`, and `4280888887` is the 20% darker color. If you saturate the color by 10%, you get `4283192934`, and if you desaturate by 10%, it is `4284506726`.

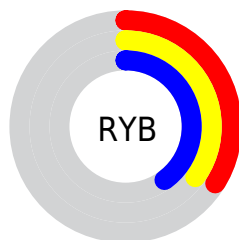
Distribution



Red (34%)

Green (36%)

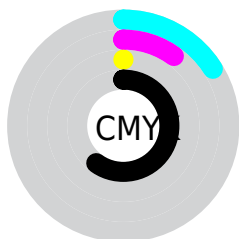
Blue (40%)



Red (34%)

Yellow (35%)

Blue (40%)

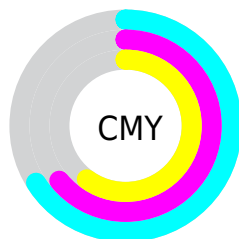


Cyan (16%)

Magenta (10%)

Yellow (0%)

Black (60%)



Cyan (66%)

Magenta (64%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283849830 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 4283849830 by changing the saturation by 10% instead.

 4283849830

 4283849830

4294967295

 4282336590

 4287139481

 4280888887

 4288850356

 4279507490

 4290626767

 4278190091

 4292468971

 4278190080

 4294311167

 4283849830



 4283849830

 4283192934

 4284506726

 4282535782

 4285163878

 4281813350 4285886310 4281156198 4286543462 4280499302 4287200358 4279842406 4287857254 4279185254 4288514406 4278462822 4289236838 4278199910 4289893734

Harmonies

Analogous

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



4283522660



4283849830



4284308069

Triad

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



4283849830



4284962903



4283719254

Complementary

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



4283849830



4284899414

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.



4284112210



4283849830



4284832083

Square

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



4283849830



4284897372



4284504913



4283457371

Rectangle

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



4283849830



4284569954



4284504913



4283850325

Sweetspot

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



4283849830



4286480517



4283852384



4282269762



4290953922



4282532418

Same Dimension

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



4283849830



4285232517



4283979366



4281217075



4278201203



4278213618

Inverse Universe

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



4284896860



4286933877



4284769878



4281544240



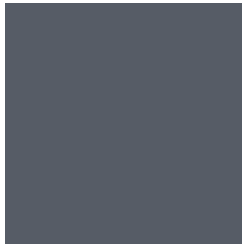
4285726763



4294049883

Previews

White Background



This preview shows how the Android color 4283849830 looks on a white 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

Black Background



This preview shows how the Android color 4283849830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

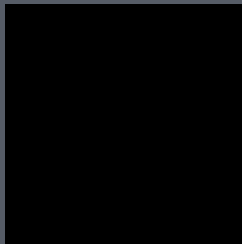
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

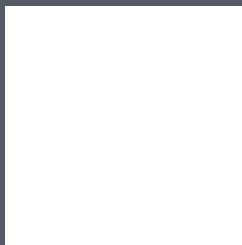
Any Text WCAG AAA × Fail

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

Android 4283849830 Background



This preview shows how black text looks on a background with the Android color 4283849830.

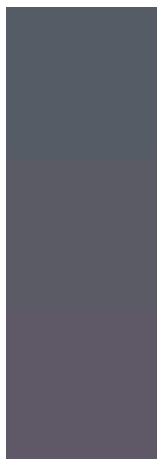


This preview shows how white text looks on a background with the Android color 4283849830.

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

4283849830

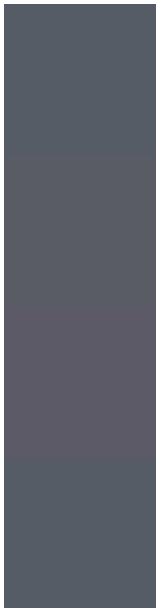
Protanopia

4284111717

Deuteranopia

4284438887

Trichromacy



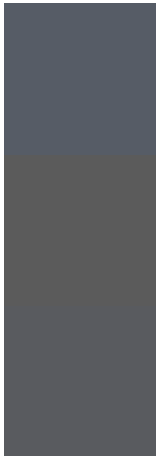
Original Color
4283849830

Protanomaly
4284046181

Deuteranomaly
4284242535

Tritanomaly
4283849829

Monochromacy



Original Color
4283849830

Achromatopsia
4284177243

Achromatomaly
4284046175

CSS Examples

Text

The CSS property to change the color of the text to Android 4283849830 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, 92, 102) looks like.

```
.text, #text, p{  
    color:rgb(86, 92, 102)  
}
```

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, 92, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 92, 102) }
```

Border

The CSS property to change the border of an element to Android 4283849830 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, 92, 102) }
```

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

```
.border{ border-color:rgb(86, 92, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 92, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 92, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 92, 102);  
box-shadow:4px 4px 4px 4px rgb(86, 92,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4283849830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 92, 102) }
```

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

```
.background{ background-color: rgb(86, 92,  
102) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor