

Converting Colors

Android(4283725230)

Have a look what the booklet for
Android(4283725230) contains.

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Color

Android(4283725230)

Conversions

Conversions Part 1

Format	Color
Hex	5475AE
RGB	84, 117, 174
RGB Percent	33%, 46%, 68%
CMY	0.6706, 0.5412, 0.3176
CMYK	0.52, 0.33, 0.00, 0.32
HSL	218°, 36%, 51%
HSV	218°, 52%, 68%
XYZ	17.6574, 17.6634, 42.5231
YIQ	113.6310, -37.9650, 10.7310

Conversions

Conversions Part 2

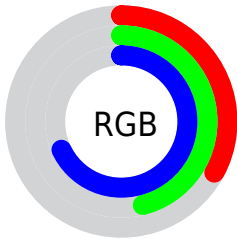
Format	Color
R_{YB}	84, 108, 174
Decimal	5535150
CIE _{Lab}	49.09, 4.76, -33.97
CIE _{LCh}	49, 34.306, 277.973
Yxy	17.6634, 0.2268, 0.2269
Android (android.graphics.Color)	4283725230 (0xFF5475AE)
YUV	113.6310, 29.7619, -25.9864
Hunter-Lab	42.0278, 1.4457, -30.5692

Details

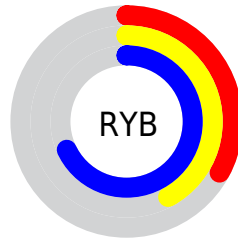
The Android color `4283725230` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289629524`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4287343078`, and `4279846265` is the 20% darker color. If you saturate the color by 10%, you get `4282608302`, and if you desaturate by 10%, it is `4284842158`.

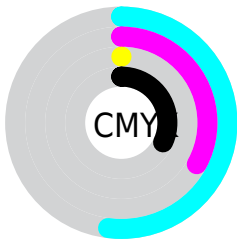
Distribution



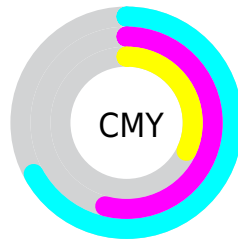
- Red (33%)
- Green (46%)
- Blue (68%)



- Red (33%)
- Yellow (42%)
- Blue (68%)



- Cyan (52%)
- Magenta (33%)
- Yellow (0%)
- Black (32%)



- Cyan (67%)
- Magenta (54%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Android color 4283725230 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 4283725230 by changing the saturation by 10% instead.

 4283725230

 4283725230

4294967295


 4281884051

 4287343078

 4279846265

 4289119487

 4278202208

 4291027199

 4278197064

 4292934911

 4278190897

4294836223


 4278190363

 4278190080

 4283725230

 4283725230

 4282608302

 4284842158

■ 4281425838

■ 4286024622

■ 4280308910

■ 4287141550

■ 4279126446

■ 4288324014

■ 4278206638

■ 4289440942

■ 4290557870

■ 4291740334

■ 4292857262

■ 4294039726

Harmonies

Analogous

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



4278222506



4283725230



4286737059

Triad

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



4283725230



4289290834



4281959006

Complementary

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



4283725230



4289629524

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.



4284513605



4283725230



4288179007

Square

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



4283725230



4289486190



4286543162



4278223996

Rectangle

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



4283725230



4288111508



4286543162



4282876245

Sweetspot

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



4283725230



4290759907



4283739789



4284310899



4294111986



4285756275

Same Dimension

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



4283725230



4283861731



4284503214



4283322711



4278204310



4278192151

Inverse Universe

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



4289614965



4293088906



4288851540



4283911761



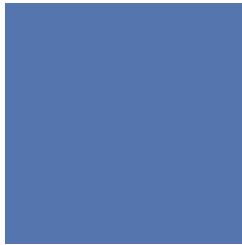
4288020535



4279697416

Previews

White Background



This preview shows how the Android color 4283725230 looks on a white background.

Color Contrast Check

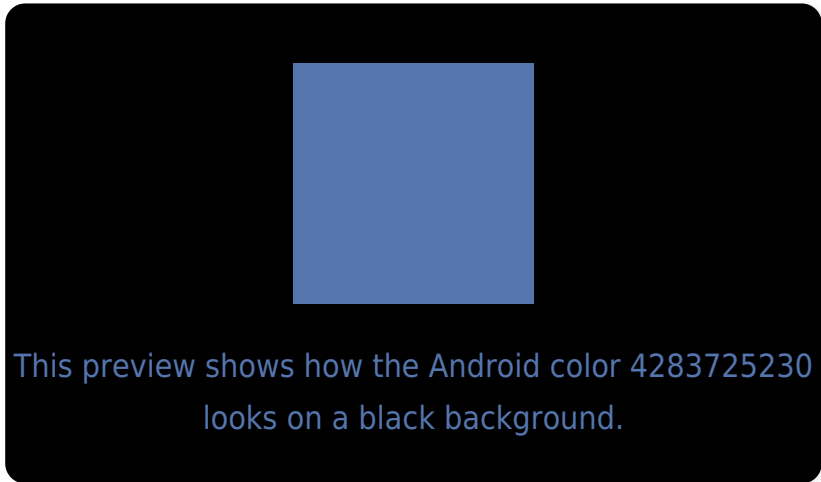
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

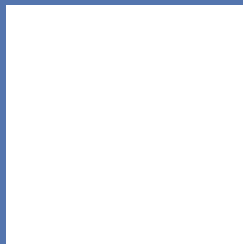
Any Text WCAG AAA × Fail

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

Android 4283725230 Background



This preview shows how black text looks on a background with the Android color 4283725230.

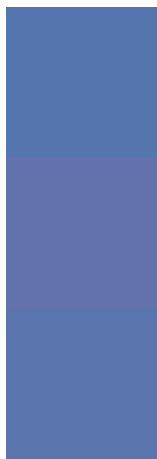


This preview shows how white text looks on a background with the Android color 4283725230.

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

4283725230

Protanopia

4284576428

Deuteranopia

4284118190

Trichromacy



Original Color
4283725230

Protanomaly
4284249005

Deuteranomaly
4283987118

Tritanomaly
4283202197

Monochromacy



Original Color
4283725230

Achromatopsia
4285690482

Achromatomaly
4284969864

CSS Examples

Text

The CSS property to change the color of the text to Android 4283725230 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(84, 117, 174)` looks like.

```
.text, #text, p{  
    color:rgb(84, 117, 174)  
}
```

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(84, 117, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 117, 174) }
```

Border

The CSS property to change the border of an element to Android 4283725230 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(84, 117, 174) }
```

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

```
.border{ border-color:rgb(84, 117, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 117, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 117, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 117, 174);  
box-shadow:4px 4px 4px 4px rgb(84, 117,  
174) }
```

Background

The CSS property to change the background color of an element to Android 4283725230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 117, 174) }
```

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

```
.background{ background-color: rgb(84, 117,  
174) }
```

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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