

Converting Colors

Android(4283725734)

Have a look what the booklet for
Android(4283725734) contains.

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Color

Android(4283725734)

Conversions

Conversions Part 1

Format	Color
Hex	5477A6
RGB	84, 119, 166
RGB Percent	33%, 47%, 65%
CMY	0.6706, 0.5333, 0.3490
CMYK	0.49, 0.28, 0.00, 0.35
HSL	214°, 33%, 49%
HSV	214°, 49%, 65%
XYZ	17.1359, 17.8316, 38.6151
YIQ	113.8930, -35.9470, 7.1970

Conversions

Conversions Part 2

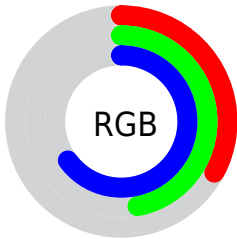
Format	Color
R _Y B	84, 109, 166
Decimal	5535654
CIE Lab	49.29, 1.03, -29.00
CIE LCh	49, 29.014, 272.042
Yxy	17.8316, 0.2329, 0.2423
Android (android.graphics.Color)	4283725734 (0xFF5477A6)
YUV	113.8930, 25.6888, -26.2162
Hunter-Lab	42.2275, -1.4629, -24.6586

Details

The Android color `4283725734` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289102676`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4287278045`, and `4280043378` is the 20% darker color. If you saturate the color by 10%, you get `4282609062`, and if you desaturate by 10%, it is `4284842406`.

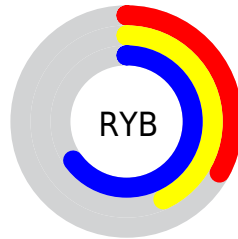
Distribution



Red (33%)

Green (47%)

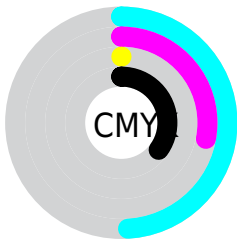
Blue (65%)



Red (33%)

Yellow (43%)

Blue (65%)

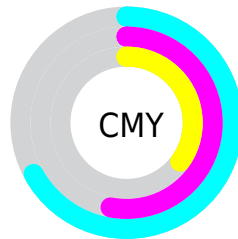


Cyan (49%)

Magenta (28%)

Yellow (0%)

Black (35%)



Cyan (67%)

Magenta (53%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283725734 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 4283725734 by changing the saturation by 10% instead.

 4283725734

 4283725734

4294967295

 4281949835

 4287278045

 4280043378

 4289054458

 4278202713

 4290896639

 4278197313

 4292804607

 4278190891

 4294705151

 4278190358

 4278190080

 4283725734

 4283725734

 4282609062

 4284842406

■ 4281558182

■ 4285893286

■ 4280441510

■ 4287009958

■ 4279390630

■ 4288060838

■ 4278273958

■ 4289177510

■ 4278208422

■ 4290293926

■ 4291345062

■ 4292461478

■ 4293512614

Harmonies

Analogous

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



4280778400



4283725734



4286213791

Triad

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



4283725734



4288963676



4283203677

Complementary

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



4283725734



4289102676

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.



4285168459



4283725734



4288179274

Square

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



4283725734



4288963188



4286870595



4280975990

Rectangle

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



4283725734



4287522964



4286870595



4283858774

Sweetspot

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



4283725734



4290299609



4283737730



4284113518



4293783021



4285427310

Same Dimension

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



4283725734



4284059609



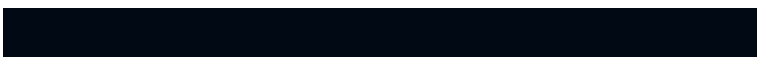
4284044454



4283191124



4278206356



4278192404

Inverse Universe

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



4289090679



4292434319



4288783956



4283714639



4287889471



4279500809

Previews

White Background



This preview shows how the Android color 4283725734 looks on a white background.

Color Contrast Check

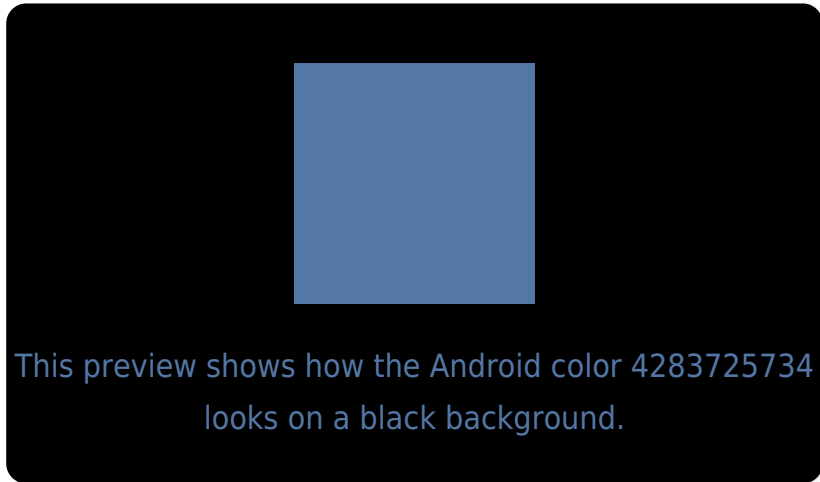
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283725734 Background



This preview shows how black text looks on a background with the Android color 4283725734.

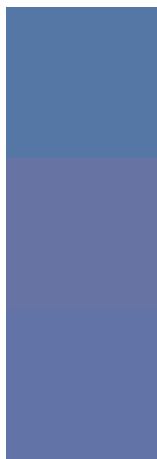


This preview shows how white text looks on a background with the Android color 4283725734.

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
4283725734

Protanopia
4284904355

Deuteranopia
4284642471

Trichromacy



Original Color

4283725734

Protanomaly

4284445860

Deuteranomaly

4284315047

Tritanomaly

4283333522

Monochromacy



Original Color

4283725734

Achromatopsia

4285690482

Achromatomaly

4284970117

CSS Examples

Text

The CSS property to change the color of the text to Android 4283725734 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, 119, 166)` looks like.

```
.text, #text, p{  
    color:rgb(84, 119, 166)  
}
```

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, 119, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 119, 166) }
```

Border

The CSS property to change the border of an element to Android 4283725734 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, 119, 166) }
```

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

```
.border{ border-color:rgb(84, 119, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 119, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 119, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 119, 166);  
box-shadow:4px 4px 4px 4px rgb(84, 119,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4283725734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 119, 166) }
```

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

```
.background{ background-color: rgb(84, 119,  
166) }
```

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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