

Converting Colors

Android(4284318638)

Have a look what the booklet for
Android(4284318638) contains.

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Color

Android(4284318638)

Conversions

Conversions Part 1

Format	Color
Hex	5D83AE
RGB	93, 131, 174
RGB Percent	36%, 51%, 68%
CMY	0.6353, 0.4863, 0.3176
CMYK	0.47, 0.25, 0.00, 0.32
HSL	212°, 33%, 52%
HSV	212°, 47%, 68%
XYZ	20.2705, 21.6157, 43.1483
YIQ	124.5400, -36.4510, 5.3170

Conversions

Conversions Part 2

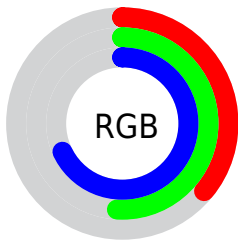
Format	Color
R _{YB}	93, 119, 174
Decimal	6128558
CIE Lab	53.62, -1.34, -26.87
CIE LCh	54, 26.908, 267.139
Yxy	21.6157, 0.2384, 0.2542
Android (android.graphics.Color)	4284318638 (0xFF5D83AE)
YUV	124.5400, 24.3838, -27.6606
Hunter-Lab	46.4927, -3.5376, -22.4801

Details

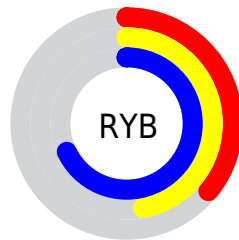
The Android color `4284318638` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4289628253`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4287871206`, and `4280701561` is the 20% darker color. If you saturate the color by 10%, you get `4283202222`, and if you desaturate by 10%, it is `4285435054`.

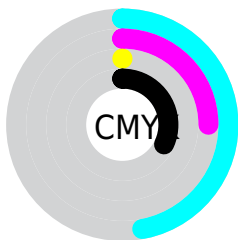
Distribution



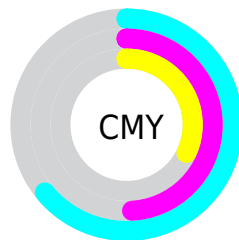
- Red (36%)
- Green (51%)
- Blue (68%)



- Red (36%)
- Yellow (47%)
- Blue (68%)



- Cyan (47%)
- Magenta (25%)
- Yellow (0%)
- Black (32%)



- Cyan (64%)
- Magenta (49%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284318638 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 4284318638 by changing the saturation by 10% instead.

 4284318638

 4284318638

4294967295


 4282542739

 4287871206

 4280701561

 4289713151

 4278205280

 4291555583

 4278199880

 4293459967

 4278194482

 4278190620

 4278190080

 4284318638

 4284318638

 4283202222

 4285435054

■ 4282020270

■ 4286617006

■ 4280903598

■ 4287733678

■ 4279721646

■ 4288915630

■ 4278605230

■ 4290032046

■ 4278211246

■ 4291148462

■ 4292330670

■ 4293447086

■ 4294629038

Harmonies

Analogous

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



4282091942



4284318638



4286610345

Triad

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



4284318638



4289622124



4284451430

Complementary

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



4284318638



4289628253

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.



4286219606



4284318638



4288968282

Square

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



4284318638



4289425283



4287790674



4282617213

Rectangle

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



4284318638



4287919520



4287790674



4285040992

Sweetspot

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



4284318638



4291023587



4284329607



4284442739



4294111986



4285756275

Same Dimension

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



4284318638



4284784611



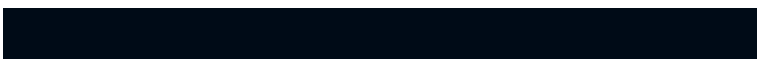
4284374446



4283322967



4278208406



4278192919

Inverse Universe

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



4289617283



4293092511



4289572445



4283911762



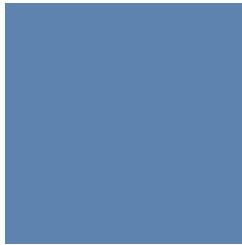
4288020551



4279697419

Previews

White Background



This preview shows how the Android color 4284318638 looks on a white background.

Color Contrast Check

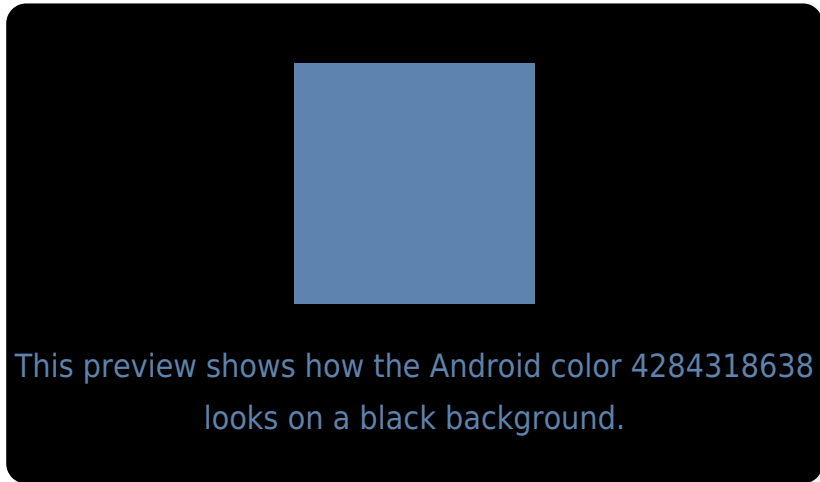
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 4284318638 Background



This preview shows how black text looks on a background with the Android color 4284318638.

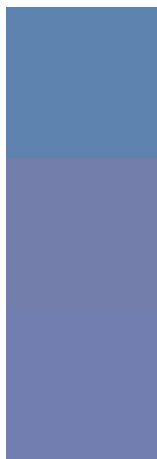


This preview shows how white text looks on a background with the Android color 4284318638.

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

4284318638

Protanopia

4285759146

Deuteranopia

4285628079

Trichromacy



Original Color
4284318638

Protanomaly
4285235371

Deuteranomaly
4285169839

Tritanomaly
4283991709

Monochromacy



Original Color
4284318638

Achromatopsia
4286414205

Achromatomaly
4285628303

CSS Examples

Text

The CSS property to change the color of the text to Android 4284318638 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(93, 131, 174)` looks like.

```
.text, #text, p{  
    color:rgb(93, 131, 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(93, 131, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 131, 174) }
```

Border

The CSS property to change the border of an element to Android 4284318638 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(93, 131, 174) }
```

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

```
.border{ border-color:rgb(93, 131, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 131, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 131, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 131, 174);  
box-shadow:4px 4px 4px 4px rgb(93, 131,  
174) }
```

Background

The CSS property to change the background color of an element to Android 4284318638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 131, 174) }
```

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

```
.background{ background-color: rgb(93, 131,  
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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