

Converting Colors

Android(4284186803)

Have a look what the booklet for
Android(4284186803) contains.

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Color

Android(4284186803)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5B80B3 |
| RGB | 91, 128, 179 |
| RGB Percent | 36%, 50%, 70% |
| CMY | 0.6431, 0.4980, 0.2980 |
| CMYK | 0.49, 0.28, 0.00, 0.30 |
| HSL | 215°, 37%, 53% |
| HSV | 215°, 49%, 70% |
| XYZ | 20.1702, 20.9172, 45.6222 |
| YIQ | 122.7510, -38.4230, 8.0170 |

Conversions

Conversions Part 2

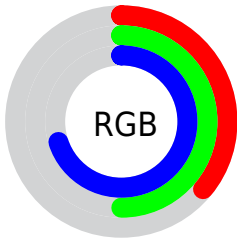
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 91, 117, 179 |
| Decimal | 5996723 |
| CIE _{Lab} | 52.86, 1.43, -30.94 |
| CIE _{LCh} | 53, 30.970, 272.650 |
| Yxy | 20.9172, 0.2326, 0.2412 |
| Android (android.graphics.Color) | 4284186803 (0xFF5B80B3) |
| YUV | 122.7510, 27.7308, -27.8456 |
| Hunter-Lab | 45.7353, -1.3144, -27.1286 |

Details

The Android color `4284186803` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4289957467`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4287804907`, and `4280438654` is the 20% darker color. If you saturate the color by 10%, you get `4283004595`, and if you desaturate by 10%, it is `4285369011`.

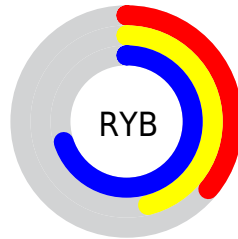
Distribution



Red (36%)

Green (50%)

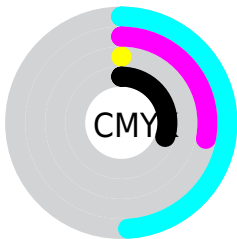
Blue (70%)



Red (36%)

Yellow (46%)

Blue (70%)

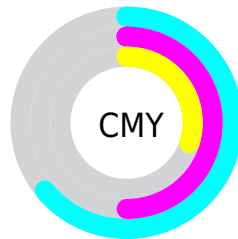


Cyan (49%)

Magenta (28%)

Yellow (0%)

Black (30%)



Cyan (64%)

Magenta (50%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284186803 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 4284186803 by changing the saturation by 10% instead.

■ 4284186803

■ 4284186803

4294967295

■ 4282410904

■ 4287804907

■ 4280438654

■ 4289581311

■ 4278204773

■ 4291489023

■ 4278199117

■ 4293394431

■ 4278193462

■ 4278190624

■ 4278190083

■ 4278190080

■ 4284186803

■ 4284186803

■ 4283004595

■ 4285369011

■ 4281822131

■ 4286551475

■ 4280639923

■ 4287733683

■ 4279457715

■ 4288915891

■ 4278340787

■ 4290098355

■ 4278209459

■ 4291215027

■ 4292397491

■ 4293579699

■ 4294761907

Harmonies

Analogous

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



4280911789



4284186803



4286871211

Triad

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



4284186803



4289752163



4283533925

Complementary

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



4284186803



4289957467

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.



4285629776



4284186803



4288902224

Square

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



4284186803



4289751421



4287462728



4281044096

Rectangle

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



4284186803



4288245919



4287462728



4284254557

Sweetspot

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



4284186803



4291155176



4284199821



4284508533



4294309365



4285887861

Same Dimension

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



4284186803



4284455400



4284570547



4283454553



4278206617



4278192922

Inverse Universe

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



4289944448



4293418905



4289573723



4284043348



4288217152



4279894027

Previews

White Background



This preview shows how the Android color 4284186803 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 4284186803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

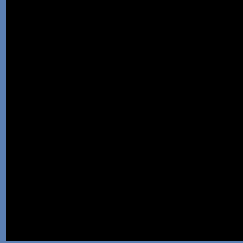
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

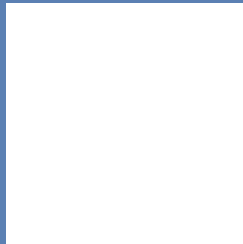
Any Text WCAG AAA × Fail

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

Android 4284186803 Background



This preview shows how black text looks on a background with the Android color 4284186803.

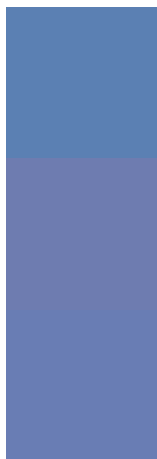


This preview shows how white text looks on a background with the Android color 4284186803.

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
4284186803

Protanopia
4285430960

Deuteranopia
4285103540

Trichromacy



Original Color
4284186803

Protanomaly
4284972465

Deuteranomaly
4284776116

Tritanomaly
4283729053

Monochromacy



Original Color
4284186803

Achromatopsia
4286282619

Achromatomaly
4285496719

CSS Examples

Text

The CSS property to change the color of the text to Android 4284186803 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(91, 128, 179)` looks like.

```
.text, #text, p{  
    color:rgb(91, 128, 179)  
}
```

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(91, 128, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 128, 179) }
```

Border

The CSS property to change the border of an element to Android 4284186803 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(91, 128, 179) }
```

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

```
.border{ border-color:rgb(91, 128, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 128, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 128, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 128, 179);  
box-shadow:4px 4px 4px 4px rgb(91, 128,  
179) }
```

Background

The CSS property to change the background color of an element to Android 4284186803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 128, 179) }
```

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

```
.background{ background-color: rgb(91, 128,  
179) }
```

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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