

Converting Colors

Android(4284054180)

Have a look what the booklet for
Android(4284054180) contains.

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Color

Android(4284054180)

Conversions

Conversions Part 1

Format	Color
Hex	597AA4
RGB	89, 122, 164
RGB Percent	35%, 48%, 64%
CMY	0.6510, 0.5216, 0.3569
CMYK	0.46, 0.26, 0.00, 0.36
HSL	214°, 30%, 50%
HSV	214°, 46%, 64%
XYZ	17.7802, 18.7233, 37.7988
YIQ	116.9210, -33.1500, 6.0660

Conversions

Conversions Part 2

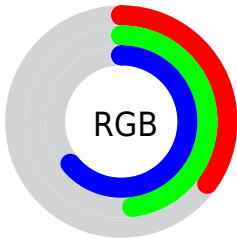
Format	Color
R_{YB}	89, 112, 164
Decimal	5864100
CIE _{Lab}	50.36, -0.08, -26.15
CIE _{LCh}	50, 26.146, 269.816
Yxy	18.7233, 0.2393, 0.2520
Android (android.graphics.Color)	4284054180 (0xFF597AA4)
YUV	116.9210, 23.2099, -24.4867
Hunter-Lab	43.2704, -2.3758, -21.5035

Details

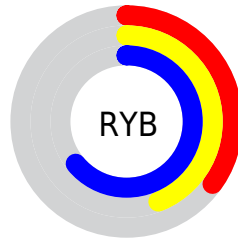
The Android color `4284054180` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288971609`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4287540955`, and `4280568432` is the 20% darker color. If you saturate the color by 10%, you get `4283003300`, and if you desaturate by 10%, it is `4285105060`.

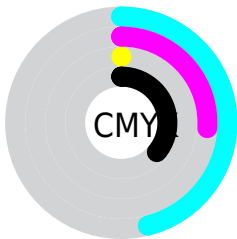
Distribution



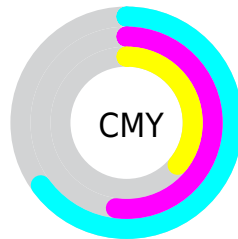
- Red (35%)
- Green (48%)
- Blue (64%)



- Red (35%)
- Yellow (44%)
- Blue (64%)



- Cyan (46%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)



- Cyan (65%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284054180 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 4284054180 by changing the saturation by 10% instead.

 4284054180

 4284054180

4294967295


 4282343818

 4287540955

 4280568432

 4289383160

 4278203223

 4291225343

 4278197824

 4293132287

 4278191146

 4278190356

 4278190080

 4284054180

 4284054180

 4283003300

 4285105060

■ 4281886884

■ 4286221476

■ 4280835748

■ 4287272612

■ 4279719332

■ 4288389028

■ 4278668452

■ 4289439908

■ 4278208676

■ 4290490788

■ 4291607204

■ 4292658084

■ 4293774756

Harmonies

Analogous

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



4281827486



4284054180



4286214814

Triad

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



4284054180



4288899427



4283859553

Complementary

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



4284054180



4288971609

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.



4285562193



4284054180



4288245586

Square

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



4284054180



4288833401



4287067723



4282090615

Rectangle

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



4284054180



4287458709



4287067723



4284448858

Sweetspot

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



4284054180



4290299350



4284064898



4284047723



4293651435



4285229931

Same Dimension

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



4284054180



4284519638



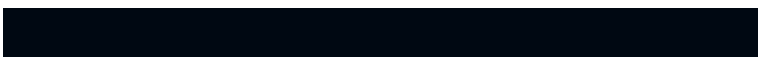
4284307876



4282994002



4278206609



4278192146

Inverse Universe

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



4288960890



4292239508



4288717913



4283582797



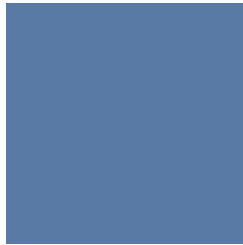
4287692864



4279369736

Previews

White Background



This preview shows how the Android color 4284054180 looks on a white background.

Color Contrast Check

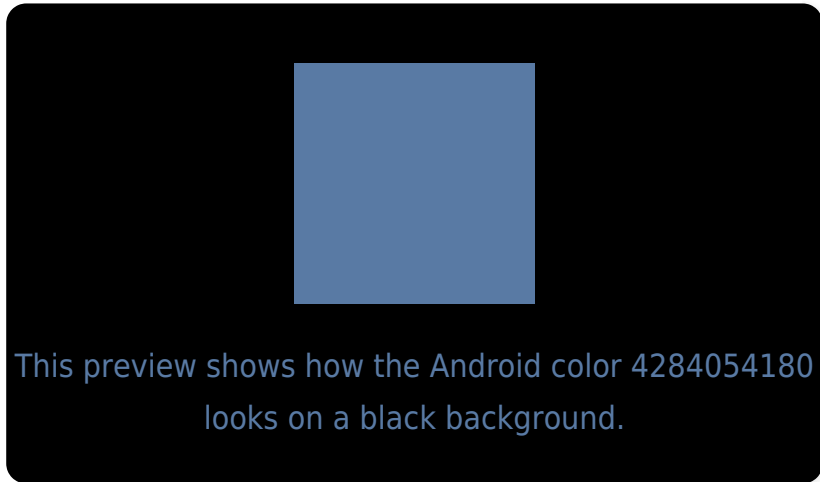
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284054180 Background



This preview shows how black text looks on a background with the Android color 4284054180.

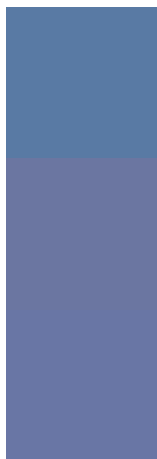


This preview shows how white text looks on a background with the Android color 4284054180.

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

4284054180

Protanopia

4285232801

Deuteranopia

4285101733

Trichromacy



Original Color

4284054180

Protanomaly

4284774306

Deuteranomaly

4284708773

Tritanomaly

4283727251

Monochromacy



Original Color

4284054180

Achromatopsia

4285887861

Achromatomaly

4285233030

CSS Examples

Text

The CSS property to change the color of the text to Android 4284054180 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(89, 122, 164)` looks like.

```
.text, #text, p{  
    color:rgb(89, 122, 164)  
}
```

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(89, 122, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 122, 164) }
```

Border

The CSS property to change the border of an element to Android 4284054180 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(89, 122, 164) }
```

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

```
.border{ border-color:rgb(89, 122, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 122, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 122, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 122, 164);  
box-shadow:4px 4px 4px 4px rgb(89, 122,  
164) }
```

Background

The CSS property to change the background color of an element to Android 4284054180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 122, 164) }
```

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

```
.background{ background-color: rgb(89, 122,  
164) }
```

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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