

Converting Colors

Android(4284122584)

Have a look what the booklet for
Android(4284122584) contains.

Android(4284122584)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284122584)

Conversions

Conversions Part 1

Format	Color
Hex	5A85D8
RGB	90, 133, 216
RGB Percent	35%, 52%, 85%
CMY	0.6471, 0.4784, 0.1529
CMYK	0.58, 0.38, 0.00, 0.15
HSL	220°, 62%, 60%
HSV	220°, 58%, 85%
XYZ	24.9986, 23.9066, 68.2626
YIQ	129.6050, -52.2710, 16.6970

Conversions

Conversions Part 2

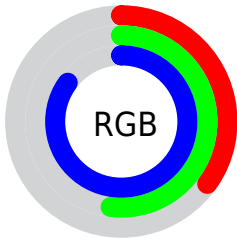
Format	Color
R_{YB}	90, 122, 216
Decimal	5932504
CIE _{Lab}	55.99, 10.03, -47.05
CIE _{LCh}	56, 48.104, 282.039
Yxy	23.9066, 0.2134, 0.2040
Android (android.graphics.Color)	4284122584 (0xFF5A85D8)
YUV	129.6050, 42.5927, -34.7336
Hunter-Lab	48.8944, 5.6981, -48.5502

Details

The Android color `4284122584` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle muted azure. A complement of this color would be `4292390234`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4288002815`, and `4279129249` is the 20% darker color. If you saturate the color by 10%, you get `4282677208`, and if you desaturate by 10%, it is `4285567960`.

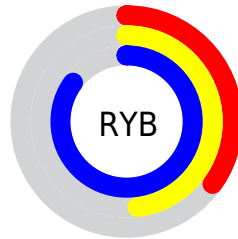
Distribution



Red (35%)

Green (52%)

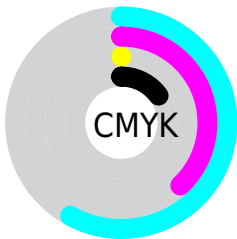
Blue (85%)



Red (35%)

Yellow (48%)

Blue (85%)

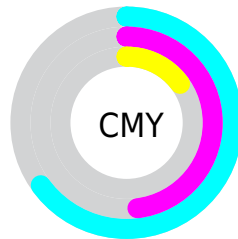


Cyan (58%)

Magenta (38%)

Yellow (0%)

Black (15%)



Cyan (65%)

Magenta (48%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284122584 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 4284122584 by changing the saturation by 10% instead.

 4284122584

 4284122584

4294967295

 4282019004

 4288002815

 4279129249

 4289910271

 4278205830

 4291818239

 4278200428

 4293787647

 4278195539

 4278191676

 4278190629

 4278190349

 4278190080

■ 4284122584

■ 4284122584

■ 4282677208

■ 4285567960

■ 4281297368

■ 4286947800

■ 4279851736

■ 4288393432

■ 4278471896

■ 4289773272

■ 4278209240

■ 4291218648

■ 4292664024

■ 4294044120

■ 4294965208

■ 4294967256

Harmonies

Analogous

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



4278227669



4284122584



4288640197

Triad

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



4284122584



4291586896



4278294891

Complementary

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



4284122584



4292390234

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.



4284453701



4284122584



4289887029

Square

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



4284122584



4292108663



4287531311



4278229910

Rectangle

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



4284122584



4290538158



4287531311



4281636957

Sweetspot

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



4284122584



4291944959



4284143788



4284706176



4278190080



4286611584

Same Dimension

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



4284122584



4283271679



4285356760



4284507243



4278205099



4278193963

Inverse Universe

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



4292369029



4294921609



4291156058



4285227108



4289396794



4281008143

Previews

White Background



This preview shows how the Android color 4284122584 looks on a white background.

Color Contrast Check

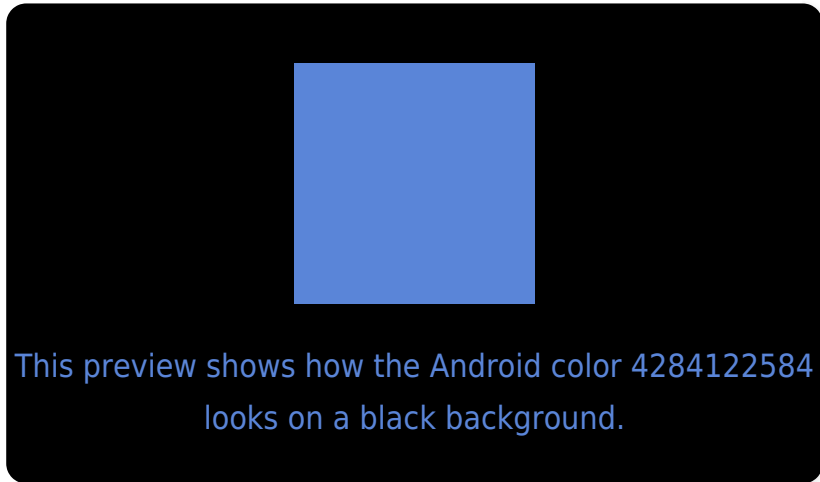
Large Text (above 18pt) WCAG AA ✓ Pass

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

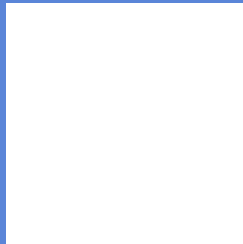
Any Text WCAG AAA × Fail

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

Android 4284122584 Background



This preview shows how black text looks on a background with the Android color 4284122584.



This preview shows how white text looks on a background with the Android color 4284122584.

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

4284122584

Protanopia

4284908502

Deuteranopia

4283795160

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4284122584 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(90, 133, 216)` looks like.

```
.text, #text, p{  
    color:rgb(90, 133, 216)  
}
```

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(90, 133, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 133, 216) }
```

Border

The CSS property to change the border of an element to Android 4284122584 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(90, 133, 216) }
```

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

```
.border{ border-color:rgb(90, 133, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 133, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 133, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 133, 216);  
box-shadow:4px 4px 4px 4px rgb(90, 133,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4284122584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 133, 216) }
```

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

```
.background{ background-color: rgb(90, 133,  
216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor