

Converting Colors

Android(4284318690)

Have a look what the booklet for
Android(4284318690) contains.

Android(4284318690)	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(4284318690)

Conversions

Conversions Part 1

Format	Color
Hex	5D83E2
RGB	93, 131, 226
RGB Percent	36%, 51%, 89%
CMY	0.6353, 0.4863, 0.1137
CMYK	0.59, 0.42, 0.00, 0.11
HSL	223°, 70%, 63%
HSV	223°, 59%, 89%
XYZ	26.3580, 24.0507, 75.2045
YIQ	130.4680, -53.1430, 21.4890

Conversions

Conversions Part 2

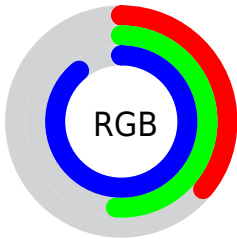
Format	Color
R _Y B	93, 123, 226
Decimal	6128610
CIE Lab	56.14, 15.12, -52.41
CIE LCh	56, 54.549, 286.087
Yxy	24.0507, 0.2098, 0.1915
Android (android.graphics.Color)	4284318690 (0xFF5D83E2)
YUV	130.4680, 47.0973, -32.8594
Hunter-Lab	49.0416, 10.1142, -56.5913

Details

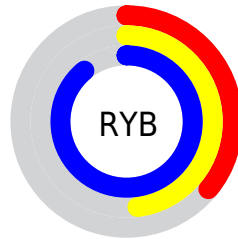
The Android color `4284318690` is a light color, and the websafe version is hex `6699FF`. The color can be described as light muted azure. A complement of this color would be `4293049437`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4288264447`, and `4279194282` is the 20% darker color. If you saturate the color by 10%, you get `4282807266`, and if you desaturate by 10%, it is `4285830114`.

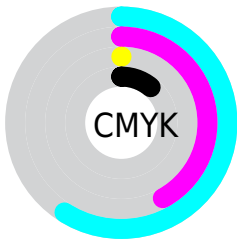
Distribution



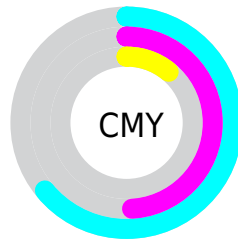
- Red (36%)
- Green (51%)
- Blue (89%)



- Red (36%)
- Yellow (48%)
- Blue (89%)



- Cyan (59%)
- Magenta (42%)
- Yellow (0%)
- Black (11%)



- Cyan (64%)
- Magenta (49%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284318690 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 4284318690 by changing the saturation by 10% instead.

 4284318690

 4284318690

4294967295

 4282215110

 4288264447

 4279194282

 4290171903

 4278205583

 4292145151

 4278200181

 4294115327

 4278195292

 4278191939

 4278190892

 4278190359

 4278190080

■ 4284318690

■ 4284318690

■ 4282807266

■ 4285830114

■ 4281361378

■ 4287276002

■ 4279849954

■ 4288787426

■ 4278403810

■ 4290233570

■ 4278206946

■ 4291744994

■ 4293256418

■ 4294702306

■ 4294967266

Harmonies

Analogous

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



4278227682



4284318690



4289294281

Triad

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



4284318690



4291848516



4278230126

Complementary

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



4284318690



4293049437

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.



4283471425



4284318690



4289887268

Square

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



4284318690



4292696943



4287073313



4278230431

Rectangle

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



4284318690



4291322542



4287073313



4278229854

Sweetspot

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



4284318690



4291944191



4284342970



4284705664



4278190080



4286611584

Same Dimension

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



4284318690



4283072255



4286078434



4284835952



4278203056



4278193712

Inverse Universe

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



4293025155



4294920830



4291289693



4285556072



4289724466



4281335822

Previews

White Background



This preview shows how the Android color 4284318690 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 4284318690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

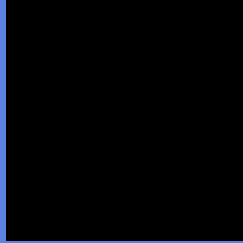
Any Text WCAG AA ✓ Pass

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 4284318690 Background



This preview shows how black text looks on a background with the Android color 4284318690.



This preview shows how white text looks on a background with the Android color 4284318690.

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
4284318690

Protanopia
4284384226

Deuteranopia
4282877921

Trichromacy



Original Color
4284318690

Protanomaly
4284384226

Deuteranomaly
4283401953

Tritanomaly
4283141559

Monochromacy



Original Color
4284318690

Achromatopsia
4286743170

Achromatomaly
4285891237

CSS Examples

Text

The CSS property to change the color of the text to Android 4284318690 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(93, 131, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 131, 226) }
```

Border

The CSS property to change the border of an element to Android 4284318690 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, 226) }
```

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

```
.border{ border-color:rgb(93, 131, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 131, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 131, 226);  
box-shadow:4px 4px 4px 4px rgb(93, 131,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4284318690 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, 226) }
```

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

```
.background{ background-color: rgb(93, 131,  
226) }
```

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