

Converting Colors

Android(4284780770)

Have a look what the booklet for
Android(4284780770) contains.

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Color

Android(4284780770)

Conversions

Conversions Part 1

Format	Color
Hex	6490E2
RGB	100, 144, 226
RGB Percent	39%, 56%, 89%
CMY	0.6078, 0.4353, 0.1137
CMYK	0.56, 0.36, 0.00, 0.11
HSL	219°, 68%, 64%
HSV	219°, 56%, 89%
XYZ	28.9563, 28.1468, 75.8582
YIQ	140.1920, -52.5460, 16.1740

Conversions

Conversions Part 2

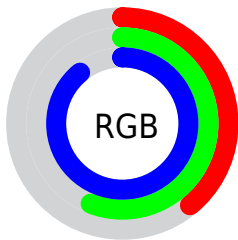
Format	Color
RYB	100, 133, 226
Decimal	6590690
CIELab	60.02, 8.76, -46.23
CIElCh	60, 47.053, 280.730
Yxy	28.1468, 0.2178, 0.2117
Android (android.graphics.Color)	4284780770 (0xFF6490E2)
YUV	140.1920, 42.3033, -35.2484
Hunter-Lab	53.0536, 4.5802, -47.6378

Details

The Android color `4284780770` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293047908`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4288595455`, and `4280377002` is the 20% darker color. If you saturate the color by 10%, you get `4283269602`, and if you desaturate by 10%, it is `4286291938`.

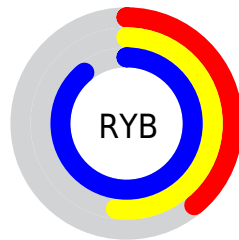
Distribution



Red (39%)

Green (56%)

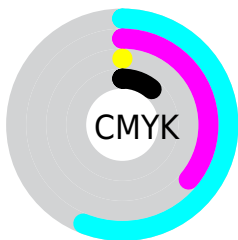
Blue (89%)



Red (39%)

Yellow (52%)

Blue (89%)

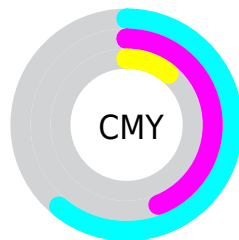


Cyan (56%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (61%)

Magenta (44%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284780770 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 4284780770 by changing the saturation by 10% instead.

 4284780770

 4284780770

4294967295

 4282742726

 4288595455

 4280377002

 4290568703

 4278208399

 4292476671

 4278202741

 4294443007

 4278197596

 4278190404

 4278190893

 4278190359

 4278190080

■ 4284780770

■ 4284780770

■ 4283269602

■ 4286291938

■ 4281824226

■ 4287737314

■ 4280313058

■ 4289248482

■ 4278867426

■ 4290694114

■ 4278210530

■ 4292205282

■ 4293716194

■ 4294965218

■ 4294967266

Harmonies

Analogous

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



4278230238



4284780770



4289167568

Triad

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



4284780770



4292310621



4280984692

Complementary

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



4284780770



4293047908

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.



4285374031



4284780770



4290741569

Square

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



4284780770



4292767107



4288320315



4278232735

Rectangle

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



4284780770



4291065274



4288320315



4282819174

Sweetspot

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



4284780770



4292142079



4284801718



4284903296



4278190080



4286611584

Same Dimension

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



4284780770



4283732223



4286014690



4284836208



4278205872



4278194480

Inverse Universe

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



4293026960



4294923408



4291813988



4285556073



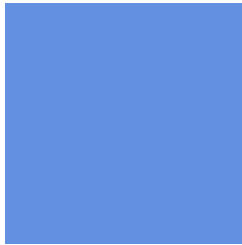
4289724477



4281335825

Previews

White Background



This preview shows how the Android color 4284780770 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 4284780770 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 4284780770 Background



This preview shows how black text looks on a background with the Android color 4284780770.

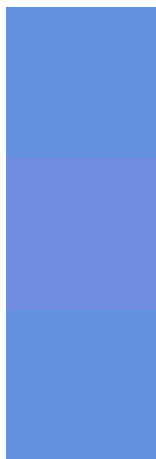


This preview shows how white text looks on a background with the Android color 4284780770.

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
4284780770

Protanopia
4285697504

Deuteranopia
4284780770

Trichromacy



Original Color

4284780770

Protanomaly

4285370081

Deuteranomaly

4284780770

Tritanomaly

4283865277

Monochromacy



Original Color

4284780770

Achromatopsia

4287401100

Achromatomaly

4286418347

CSS Examples

Text

The CSS property to change the color of the text to Android 4284780770 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(100, 144, 226)` looks like.

```
.text, #text, p{  
    color:rgb(100, 144, 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(100, 144, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 144, 226) }
```

Border

The CSS property to change the border of an element to Android 4284780770 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(100, 144, 226) }
```

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

```
.border{ border-color:rgb(100, 144, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 144, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 144, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 144, 226);  
box-shadow:4px 4px 4px 4px rgb(100, 144,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4284780770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 144, 226) }
```

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

```
.background{ background-color: rgb(100,  
144, 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](#).

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