

Converting Colors

Android(4284910050)

Have a look what the booklet for
Android(4284910050) contains.

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Color

Android(4284910050)

Conversions

Conversions Part 1

Format	Color
Hex	6689E2
RGB	102, 137, 226
RGB Percent	40%, 54%, 89%
CMY	0.6000, 0.4627, 0.1137
CMYK	0.55, 0.39, 0.00, 0.11
HSL	223°, 68%, 64%
HSV	223°, 55%, 89%
XYZ	28.1526, 26.2071, 75.5262
YIQ	136.6810, -49.4290, 20.2590

Conversions

Conversions Part 2

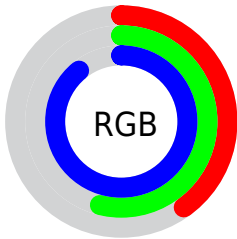
Format	Color
RYB	102, 129, 226
Decimal	6719970
CIELab	58.23, 13.33, -49.05
CIELCh	58, 50.832, 285.198
Yxy	26.2071, 0.2167, 0.2018
Android (android.graphics.Color)	4284910050 (0xFF6689E2)
YUV	136.6810, 44.0343, -30.4152
Hunter-Lab	51.1929, 8.5754, -51.6371

Details

The Android color `4284910050` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293050214`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4288724735`, and `4280572074` is the 20% darker color. If you saturate the color by 10%, you get `4283398626`, and if you desaturate by 10%, it is `4286421474`.

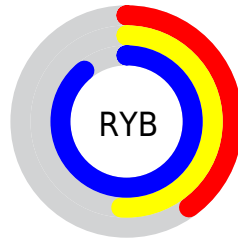
Distribution



Red (40%)

Green (54%)

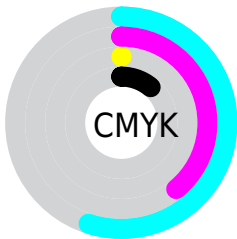
Blue (89%)



Red (40%)

Yellow (51%)

Blue (89%)

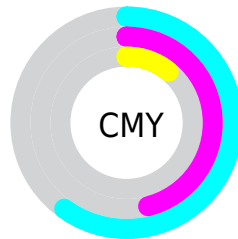


Cyan (55%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (46%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284910050 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 4284910050 by changing the saturation by 10% instead.

 4284910050

 4284910050

4294967295

 4282937542

 4288724735

 4280572074

 4290632447

 4278206863

 4292605695

 4278201205

 4294574079

 4278196316

 4278190916

 4278190893

 4278190359

 4278190080

■ 4284910050

■ 4284910050

■ 4283398626

■ 4286421474

■ 4281952738

■ 4287867362

■ 4280441058

■ 4289379042

■ 4278995170

■ 4290824930

■ 4278206690

■ 4292336354

■ 4293847778

■ 4294966242

■ 4294967266

Harmonies

Analogous

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



4278228962



4284910050



4289492939

Triad

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



4284910050



4292047183



4278231156

Complementary

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



4284910050



4293050214

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.



4284259146



4284910050



4290216499

Square

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



4284910050



4292765047



4287598896



4278231714

Rectangle

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



4284910050



4291325106



4287598896



4280786789

Sweetspot

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



4284910050



4292272895



4284932799



4284968576



4278190080



4286611584

Same Dimension

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



4284910050



4283926271



4286670562



4284835952



4278203056



4278193712

Inverse Universe

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



4293027465



4294924166



4291289702



4285556072



4289724466



4281335822

Previews

White Background



This preview shows how the Android color 4284910050 looks on a white background.

Color Contrast Check

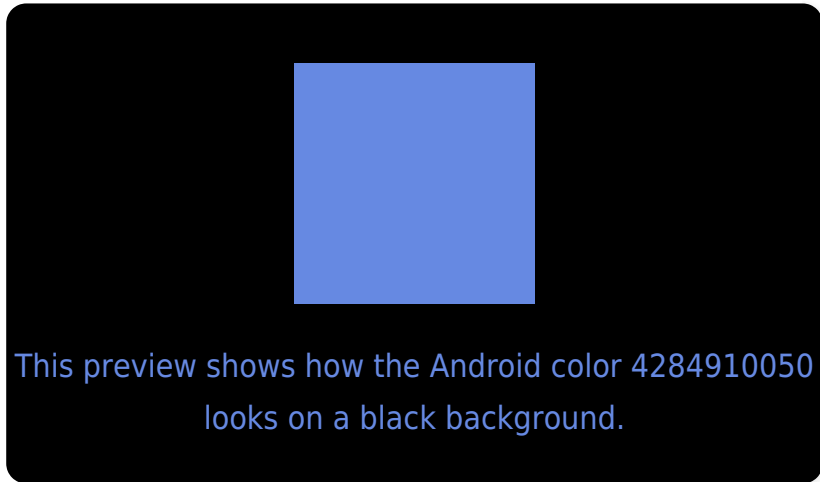
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284910050 Background



This preview shows how black text looks on a background with the Android color 4284910050.

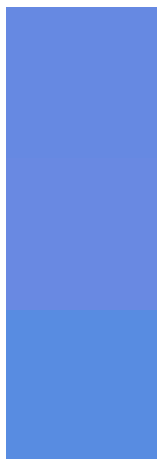


This preview shows how white text looks on a background with the Android color 4284910050.

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
4284910050

Protanopia
4285106658

Deuteranopia
4283993313

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4284910050 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(102, 137, 226)` looks like.

```
.text, #text, p{  
    color:rgb(102, 137, 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(102, 137, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 137, 226) }
```

Border

The CSS property to change the border of an element to Android 4284910050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

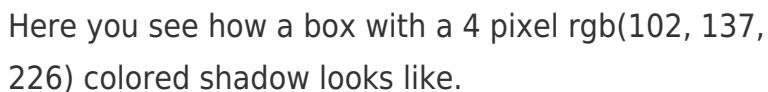
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 137, 226) }
```

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

```
.border{ border-color:rgb(102, 137, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 137, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 137, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 137, 226);  
box-shadow:4px 4px 4px 4px rgb(102, 137,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4284910050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 137, 226) }
```

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

```
.background{ background-color: rgb(102,  
137, 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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