

Converting Colors

Android(4284706513)

Have a look what the booklet for
Android(4284706513) contains.

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Color

Android(4284706513)

Conversions

Conversions Part 1

Format	Color
Hex	636ED1
RGB	99, 110, 209
RGB Percent	39%, 43%, 82%
CMY	0.6118, 0.5686, 0.1804
CMYK	0.53, 0.47, 0.00, 0.18
HSL	234°, 54%, 60%
HSV	234°, 53%, 82%
XYZ	22.2301, 18.4080, 62.7030
YIQ	117.9970, -38.3350, 28.4570

Conversions

Conversions Part 2

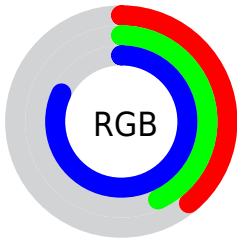
Format	Color
R _Y B	99, 109, 209
Decimal	6516433
CIE Lab	49.99, 23.63, -52.62
CIE LCh	50, 57.687, 294.186
Yxy	18.4080, 0.2151, 0.1781
Android (android.graphics.Color)	4284706513 (0xFF636ED1)
YUV	117.9970, 44.8645, -16.6604
Hunter-Lab	42.9045, 17.4035, -56.6166

Details

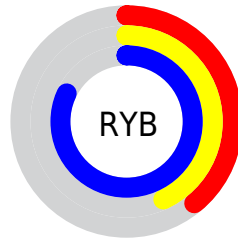
The Android color `4284706513` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4291937891`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4288455167`, and `4280565658` is the 20% darker color. If you saturate the color by 10%, you get `4283325393`, and if you desaturate by 10%, it is `4286087633`.

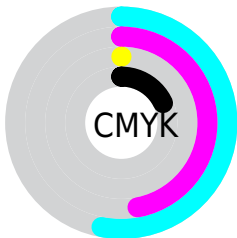
Distribution



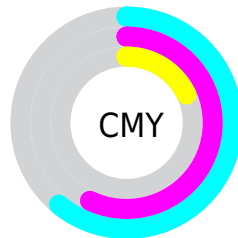
- Red (39%)
- Green (43%)
- Blue (82%)



- Red (39%)
- Yellow (43%)
- Blue (82%)



- Cyan (53%)
- Magenta (47%)
- Yellow (0%)
- Black (18%)



- Cyan (61%)
- Magenta (57%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284706513 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 4284706513 by changing the saturation by 10% instead.

 4284706513

 4284706513

4294967295

 4282734261

 4288455167

 4280565658

 4290362623

 4278200703

 4292270335

 4278195814

 4294243583

 4278190157

 4278191413

 4278190623

 4278190082

 4278190080

 4284706513

 4284706513

 4283325393

 4286087633

 4281944273

 4287468753

 4280563409

 4288849617

 4279182289

 4290230737

 4278195665

 4291611857

 4292927441

 4294308561

 4294967249

Harmonies

Analogous

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



4278223065



4284706513



4289288113

Triad

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



4284706513



4290403622



4278226283

Complementary

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



4284706513



4291937891

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.



4280191290



4284706513



4288114944

Square

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



4284706513



4291643730



4285038601



4278226334

Rectangle

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



4284706513



4290923155



4285038601



4278226010

Sweetspot

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



4284706513



4292270847



4284731846



4284967552



4278190080



4286611584

Same Dimension

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



4284706513



4284378879



4287587281



4284374889



4278194600



4278191145

Inverse Universe

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



4291912558



4294925934



4289057123



4285095519



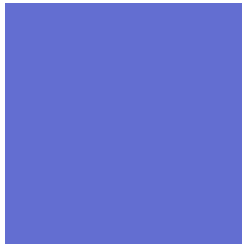
4289200145



4280877060

Previews

White Background



This preview shows how the Android color 4284706513 looks on a white background.

Color Contrast Check

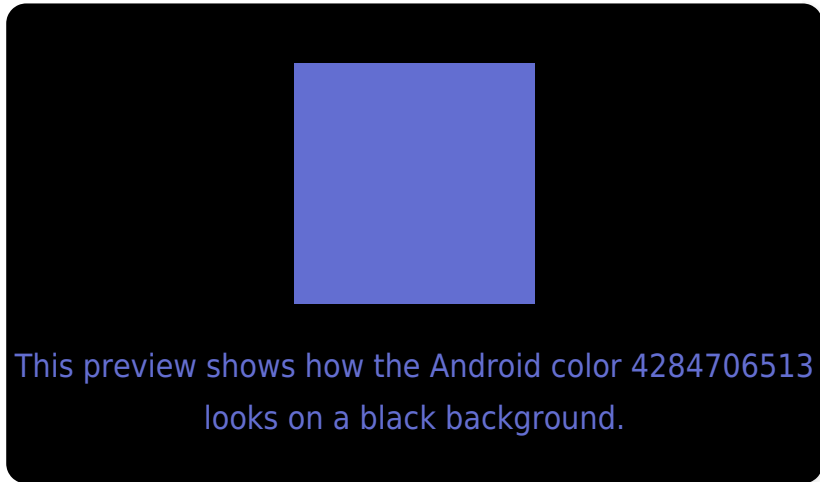
Large Text (above 18pt) WCAG AA ✓ Pass

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

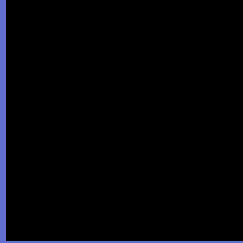
Any Text WCAG AA ✓ Pass

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 4284706513 Background



This preview shows how black text looks on a background with the Android color 4284706513.



This preview shows how white text looks on a background with the Android color 4284706513.

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



Trichromacy



Original Color
4284706513

Protanomaly
4283527636

Deuteranomaly
4282479824

Tritanomaly
4283726243

Monochromacy



Original Color
4284706513

Achromatopsia
4285953654

Achromatomaly
4285494167

CSS Examples

Text

The CSS property to change the color of the text to Android 4284706513 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(99, 110, 209)` looks like.

```
.text, #text, p{  
    color:rgb(99, 110, 209)  
}
```

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(99, 110, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 110, 209) }
```

Border

The CSS property to change the border of an element to Android 4284706513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

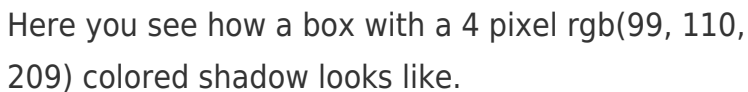
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 110, 209) }
```

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

```
.border{ border-color:rgb(99, 110, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 110, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 110, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 110, 209);  
box-shadow:4px 4px 4px 4px rgb(99, 110,  
209) }
```

Background

The CSS property to change the background color of an element to Android 4284706513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 110, 209) }
```

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

```
.background{ background-color: rgb(99, 110,  
209) }
```

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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