

Converting Colors

Android(4282800006)

Have a look what the booklet for
Android(4282800006) contains.

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Color

Android(4282800006)

Conversions

Conversions Part 1

Format	Color
Hex	465786
RGB	70, 87, 134
RGB Percent	27%, 34%, 53%
CMY	0.7255, 0.6588, 0.4745
CMYK	0.48, 0.35, 0.00, 0.47
HSL	224°, 31%, 40%
HSV	224°, 48%, 53%
XYZ	10.2371, 9.8397, 23.9140
YIQ	87.2750, -25.2190, 11.0130

Conversions

Conversions Part 2

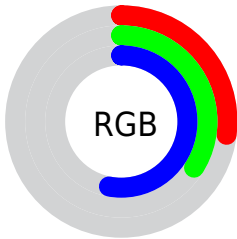
Format	Color
RYB	70, 83, 134
Decimal	4609926
CIELab	37.55, 7.06, -28.34
CIElCh	38, 29.202, 283.992
Yxy	9.8397, 0.2327, 0.2237
Android (android.graphics.Color)	4282800006 (0xFF465786)
YUV	87.2750, 23.0354, -15.1502
Hunter-Lab	31.3683, 3.3590, -23.2425

Details

The Android color `4282800006` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287001926`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4286220731`, and `4279249492` is the 20% darker color. If you saturate the color by 10%, you get `4281945478`, and if you desaturate by 10%, it is `4283654534`.

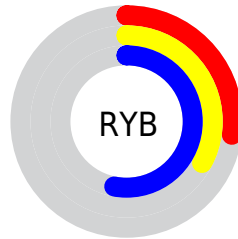
Distribution



Red (27%)

Green (34%)

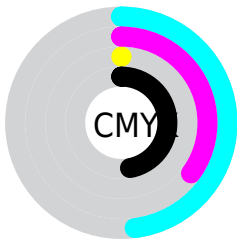
Blue (53%)



Red (27%)

Yellow (33%)

Blue (53%)

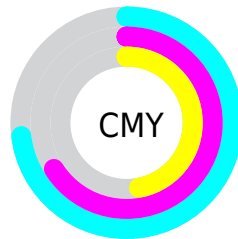


Cyan (48%)

Magenta (35%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (66%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282800006 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 4282800006 by changing the saturation by 10% instead.



4282800006



4282800006

4294967295



4281090157



4286220731



4279249492



4287931351



4278195773



4289773300



4278190887



4291615487



4278190352



4293457663



4278190080



4282800006



4282800006



4281945478



4283654534



4281025414



4284574598

■ 4280170886

■ 4285429126

■ 4279251078

■ 4286348934

■ 4278396550

■ 4287203462

■ 4278199430

■ 4288057990

■ 4288978054

■ 4289832582

■ 4290752646

Harmonies

Analogous

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



4278804101



4282800006



4285091450

Triad

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



4282800006



4286597689



4280247371

Complementary

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



4282800006



4287001926

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.



4282540085



4282800006



4285616939

Square

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



4282800006



4286924110



4284242729



4278216035

Rectangle

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



4282800006



4286073197



4284242729



4281099075

Sweetspot

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



4282800006



4287995053



4282812021



4282928215



4292269782



4283914071

Same Dimension

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



4282800006



4283131309



4283778694



4282137922



4278199170



4278190339

Inverse Universe

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



4286989911



4289547109



4286023238



4282530877



4286709795



4278386689

Previews

White Background



This preview shows how the Android color 4282800006 looks on a white background.

Color Contrast Check

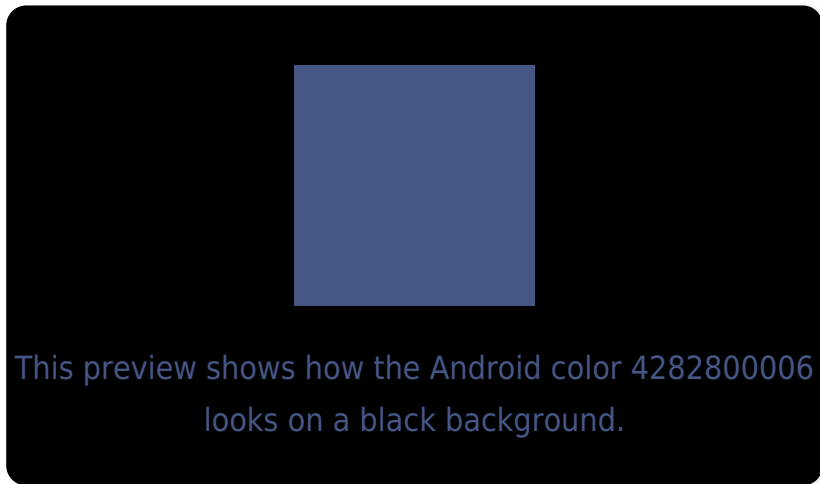
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

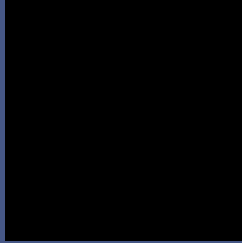
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

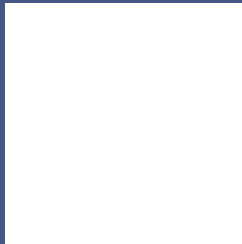
Any Text WCAG AAA × Fail

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

Android 428280006 Background



This preview shows how black text looks on a background with the Android color 428280006.

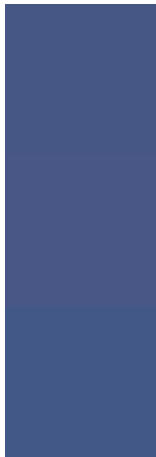


This preview shows how white text looks on a background with the Android color 428280006.

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
4282800006

Protanopia
4282931078

Deuteranopia
4282538118

Trichromacy



Original Color

4282800006

Protanomaly

4282865542

Deuteranomaly

4282603654

Tritanomaly

4282407793

Monochromacy



Original Color

4282800006

Achromatopsia

4283914071

Achromatomaly

4283520872

CSS Examples

Text

The CSS property to change the color of the text to Android 4282800006 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(70, 87, 134)` looks like.

```
.text, #text, p{  
    color:rgb(70, 87, 134)  
}
```

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(70, 87, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 87, 134) }
```

Border

The CSS property to change the border of an element to Android 4282800006 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(70, 87, 134) }
```

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

```
.border{ border-color:rgb(70, 87, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 87, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 87, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 87, 134);  
box-shadow:4px 4px 4px 4px rgb(70, 87,  
134) }
```

Background

The CSS property to change the background color of an element to Android 4282800006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 87, 134) }
```

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

```
.background{ background-color: rgb(70, 87,  
134) }
```

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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