

Converting Colors

Android(4282598486)

Have a look what the booklet for
Android(4282598486) contains.

Android(4282598486)	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(4282598486)

Conversions

Conversions Part 1	
Format	Color
Hex	434456
RGB	67, 68, 86
RGB Percent	26%, 27%, 34%
CMY	0.7373, 0.7333, 0.6627
CMYK	0.22, 0.21, 0.00, 0.66
HSL	237°, 12%, 30%
HSV	237°, 22%, 34%
XYZ	6.0616, 5.9994, 9.6426
YIQ	69.7530, -6.3740, 5.3860

Conversions

Conversions Part 2

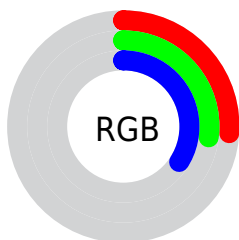
Format	Color
RYB	67, 68, 86
Decimal	4408406
CIELab	29.41, 4.03, -10.85
CIELCh	29, 11.576, 290.362
Yxy	5.9994, 0.2793, 0.2764
Android (android.graphics.Color)	4282598486 (0xFF434456)
YUV	69.7530, 8.0098, -2.4144
Hunter-Lab	24.4937, 1.3102, -6.1955

Details

The Android color `4282598486` is a dark color, and the websafe version is hex `333333`. A complement of this color would be `4283848003`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4285756552`, and `4279703849` is the 20% darker color. If you saturate the color by 10%, you get `4282006614`, and if you desaturate by 10%, it is `4283190358`.

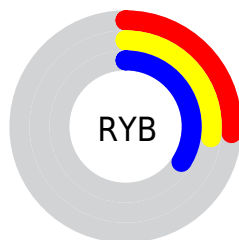
Distribution



Red (26%)

Green (27%)

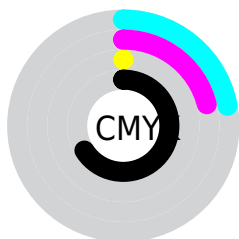
Blue (34%)



Red (26%)

Yellow (27%)

Blue (34%)

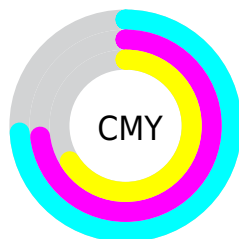


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (66%)



Cyan (74%)

Magenta (73%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Android color 4282598486 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 4282598486 by changing the saturation by 10% instead.

 4282598486

 4282598486

4294967295

 4281151039

 4285756552

 4279703849

 4287467170

 4278190101

 4289177789

 4278190080

 4291019737

 4292861941

 4294704383

 4282598486

 4282598486

 4282006614

 4283190358

 4281480278

 4283716694

 4280888406

 4284308566

 4280361814

 4284835158

 4279769942

 4285427030

 4279178070

 4286018902

 4278651734

 4286545238

 4278191446

 4287137110

 4287663446

Harmonies

Analogous

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



4281812823



4282598486



4283318609

Triad

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



4282598486



4283777336



4281485890

Complementary

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



4282598486



4283848003

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.



4282075450



4282598486



4283384884

Square

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



4282598486



4283973439



4282795828



4281092683

Rectangle

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



4282598486



4283646028



4282795828



4281682495

Sweetspot

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



4282598486



4285032816



4282603093



4281611320



4290295992



4281874488

Same Dimension

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



4282598486



4283585648



4283122518



4280756011



4278191723



4278193387

Inverse Universe

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



4283843396



4285551188



4283323971



4281018151



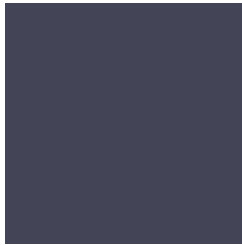
4285202438



4293591052

Previews

White Background



This preview shows how the Android color 4282598486 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



This preview shows how the Android color 4282598486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

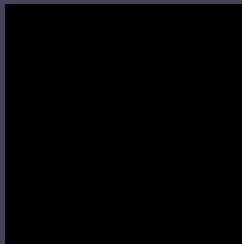
Any Text WCAG AA × Fail

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 4282598486 Background



This preview shows how black text looks on a background with the Android color 4282598486.

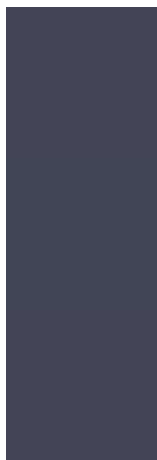


This preview shows how white text looks on a background with the Android color 4282598486.

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

4282598486

Protanopia

4282467670

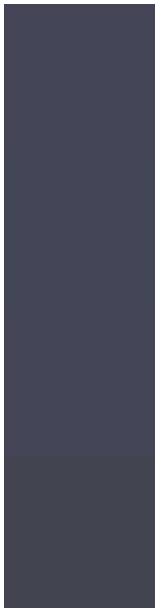
Deuteranopia

4282598486



Tritanopia
4282467915

Trichromacy



Original Color
4282598486

Protanomaly
4282533206

Deuteranomaly
4282598486

Tritanomaly
4282533199

Monochromacy



Original Color
4282598486

Achromatopsia
4282795590

Achromatomaly
4282729804

CSS Examples

Text

The CSS property to change the color of the text to Android 4282598486 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(67, 68, 86) looks like.

```
.text, #text, p{  
    color:rgb(67, 68, 86)  
}
```

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(67, 68, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 68, 86) }
```

Border

The CSS property to change the border of an element to Android 4282598486 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(67, 68, 86) }
```

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

```
.border{ border-color:rgb(67, 68, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 68, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 68, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 68, 86);  
box-shadow:4px 4px 4px 4px rgb(67, 68, 86)  
}
```

Background

The CSS property to change the background color of an element to Android 4282598486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 68, 86) }
```

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

```
.background{ background-color: rgb(67, 68,  
86) }
```

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