

Converting Colors

Android(4282936202)

Have a look what the booklet for
Android(4282936202) contains.

Android(4282936202)	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(4282936202)

Conversions

Conversions Part 1

Format	Color
Hex	486B8A
RGB	72, 107, 138
RGB Percent	28%, 42%, 54%
CMY	0.7176, 0.5804, 0.4588
CMYK	0.48, 0.22, 0.00, 0.46
HSL	208°, 31%, 41%
HSV	208°, 48%, 54%
XYZ	12.5176, 13.7281, 26.0348
YIQ	100.0690, -30.8110, 2.2210

Conversions

Conversions Part 2

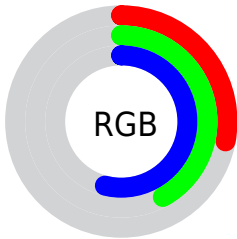
Format	Color
R_{YB}	72, 95, 138
Decimal	4746122
CIE _{Lab}	43.84, -3.54, -20.96
CIE _{LCh}	44, 21.259, 260.404
Yxy	13.7281, 0.2394, 0.2626
Android (android.graphics.Color)	4282936202 (0xFF486B8A)
YUV	100.0690, 18.7000, -24.6165
Hunter-Lab	37.0514, -4.5347, -15.7251

Details

The Android color `4282936202` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287260488`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4286357184`, and `4279385176` is the 20% darker color. If you saturate the color by 10%, you get `4282017162`, and if you desaturate by 10%, it is `4283855242`.

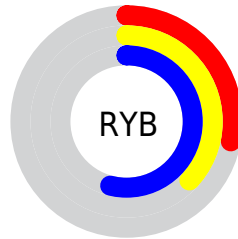
Distribution



Red (28%)

Green (42%)

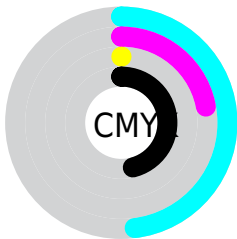
Blue (54%)



Red (28%)

Yellow (37%)

Blue (54%)

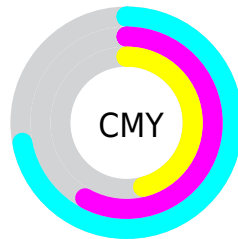


Cyan (48%)

Magenta (22%)

Yellow (0%)

Black (46%)



Cyan (72%)

Magenta (58%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282936202 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 4282936202 by changing the saturation by 10% instead.



4282936202



4282936202

4294967295



4281226096



4286357184



4279385176



4288133595



4278199872



4289910264



4278194730



4291752447



4278190357



4293656575



4278190080



4282936202



4282936202



4282017162



4283855242



4281097866



4284774538

■ 4280244362

■ 4285628042

■ 4279325066

■ 4286547338

■ 4278406026

■ 4287466378

■ 4278208906

■ 4288385674

■ 4289304714

■ 4290158474

■ 4291077514

Harmonies

Analogous

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



4281560962



4282936202



4284638601

Triad

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



4282936202



4287322972



4283658065

Complementary

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



4282936202



4287260488

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.



4285033030



4282936202



4286996301

Square

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



4282936202



4287060846



4286145861



4282347873

Rectangle

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



4282936202



4285686147



4286145861



4284116300

Sweetspot

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



4282936202



4288325555



4282944103



4283060825



4292467161



4284045657

Same Dimension

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



4282936202



4283270067



4282927754



4282270277



4278208133



4278190853

Inverse Universe

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



4287252587



4289940867



4287268936



4282728002



4286906438



4278517763

Previews

White Background



This preview shows how the Android color 4282936202 looks on a white background.

Color Contrast Check

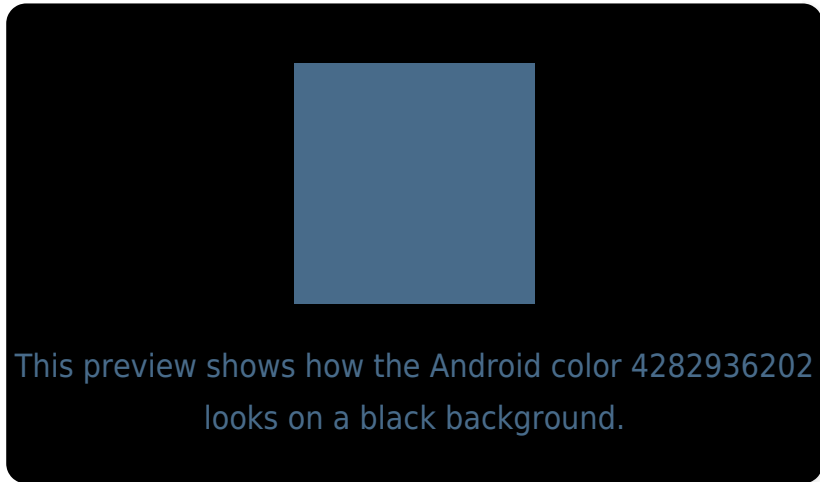
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

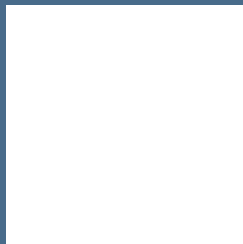
Any Text WCAG AAA × Fail

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

Android 4282936202 Background



This preview shows how black text looks on a background with the Android color 4282936202.



This preview shows how white text looks on a background with the Android color 4282936202.

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

4282936202

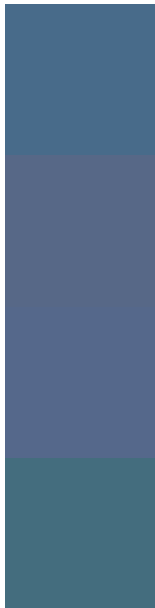
Protanopia

4284442246

Deuteranopia

4284311179

Trichromacy



Original Color
4282936202

Protanomaly
4283918471

Deuteranomaly
4283787403

Tritanomaly
4282674558

Monochromacy



Original Color
4282936202

Achromatopsia
4284769380

Achromatomaly
4284114802

CSS Examples

Text

The CSS property to change the color of the text to Android 4282936202 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(72, 107, 138)` looks like.

```
.text, #text, p{  
    color:rgb(72, 107, 138)  
}
```

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(72, 107, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 107, 138) }
```

Border

The CSS property to change the border of an element to Android 4282936202 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(72, 107, 138) }
```

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

```
.border{ border-color:rgb(72, 107, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 107, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 107, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 107, 138);  
box-shadow:4px 4px 4px 4px rgb(72, 107,  
138) }
```

Background

The CSS property to change the background color of an element to Android 4282936202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 107, 138) }
```

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

```
.background{ background-color: rgb(72, 107,  
138) }
```

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