

Converting Colors

Android(4282820236)

Have a look what the booklet for
Android(4282820236) contains.

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Color

Android(4282820236)

Conversions

Conversions Part 1

Format	Color
Hex	46A68C
RGB	70, 166, 140
RGB Percent	27%, 65%, 55%
CMY	0.7255, 0.3490, 0.4510
CMYK	0.58, 0.00, 0.16, 0.35
HSL	164°, 41%, 46%
HSV	164°, 58%, 65%
XYZ	20.8956, 30.4680, 29.5905
YIQ	134.3320, -48.8700, -28.4380

Conversions

Conversions Part 2

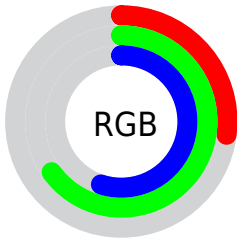
Format	Color
RYB	70, 126, 166
Decimal	4630156
CIELab	62.06, -34.68, 5.03
CIElCh	62, 35.041, 171.744
Yxy	30.4680, 0.2581, 0.3764
Android (android.graphics.Color)	4282820236 (0xFF46A68C)
YUV	134.3320, 2.7943, -56.4192
Hunter-Lab	55.1978, -29.0234, 6.8542

Details

The Android color `4282820236` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289087072`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4286570178`, and `4278219098` is the 20% darker color. If you saturate the color by 10%, you get `4281706120`, and if you desaturate by 10%, it is `4283934352`.

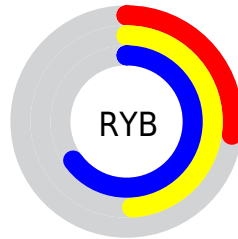
Distribution



Red (27%)

Green (65%)

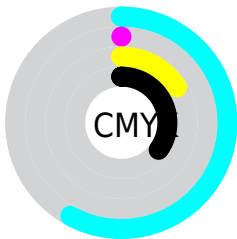
Blue (55%)



Red (27%)

Yellow (49%)

Blue (65%)

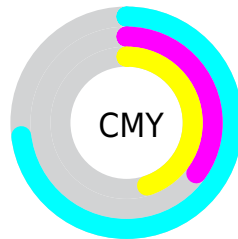


Cyan (58%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (73%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282820236 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 4282820236 by changing the saturation by 10% instead.

 4282820236

 4282820236

4294967295

 4280781683

 4286570178

 4278219098

 4288412381

 4278212675

 4290248698

 4278206508

 4292149247

 4278200856


 4294115327

 4278193664

 4278190080

 4282820236

 4282820236

 4281706120

 4283934352

■ 4280657539

■ 4284982933

■ 4279543423

■ 4286097049

■ 4278494842

■ 4287145630

■ 4278232697

■ 4288259746

■ 4289373863

■ 4290422443

■ 4291536560

■ 4292585140

Harmonies

Analogous

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



4285571694



4282820236



4279281324

Triad

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



4282820236



4287467984



4291331686

Complementary

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



4282820236



4289087072

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.



4291985281



4282820236



4290086589

Square

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



4282820236



4284062931



4291591840



4289892696

Rectangle

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



4282820236



4278363326



4291591840



4291658606

Sweetspot

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



4282820236



4290042319



4284589638



4283985512



4293783021



4285427310

Same Dimension

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



4282820236



4282636720



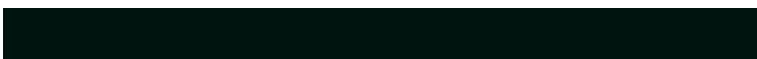
4282814886



4283192402



4278228076



4278195215

Inverse Universe

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



4289087072



4292428652



4289092422



4283714638



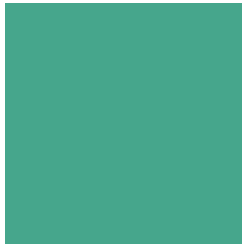
4287889448



4279500806

Previews

White Background



This preview shows how the Android color 4282820236 looks on a white 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

Black Background



This preview shows how the Android color 4282820236 looks on a 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 ✓ Pass

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

Android 4282820236 Background



This preview shows how black text looks on a background with the Android color 4282820236.



This preview shows how white text looks on a background with the Android color 4282820236.

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

4282820236



Protanomaly

4286421894



Deuteranomaly

4286748815



Tritanomaly

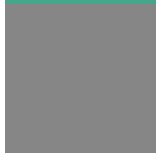
4283343778

Monochromacy



Original Color

4282820236



Achromatopsia

4287006342



Achromatomaly

4285502088

CSS Examples

Text

The CSS property to change the color of the text to Android 4282820236 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, 166, 140)` looks like.

```
.text, #text, p{  
    color:rgb(70, 166, 140)  
}
```

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, 166, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 166, 140) }
```

Border

The CSS property to change the border of an element to Android 4282820236 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, 166, 140) }
```

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

```
.border{ border-color:rgb(70, 166, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 166, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 166, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 166, 140);  
box-shadow:4px 4px 4px 4px rgb(70, 166,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4282820236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 166, 140) }
```

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

```
.background{ background-color: rgb(70, 166,  
140) }
```

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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