

# Converting Colors

Android(4282814296)

Have a look what the booklet for  
Android(4282814296) contains.

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# Color

**Android(4282814296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	468F58
RGB	70, 143, 88
RGB Percent	27%, 56%, 35%
CMY	0.7255, 0.4392, 0.6549
CMYK	0.51, 0.00, 0.38, 0.44
HSL	135°, 34%, 42%
HSV	135°, 51%, 56%
XYZ	14.1097, 21.6516, 12.6680
YIQ	114.9030, -25.8530, -32.5810

# Conversions

## Conversions Part 2

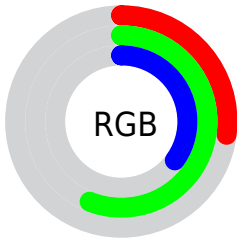
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 129, 143
Decimal	4624216
CIELab	53.66, -35.49, 22.46
CIELCh	54, 42.001, 147.675
Yxy	21.6516, 0.2913, 0.4471
Android (android.graphics.Color)	4282814296 (0xFF468F58)
YUV	114.9030, -13.2632, -39.3799
Hunter-Lab	46.5313, -27.3031, 16.4303

# Details

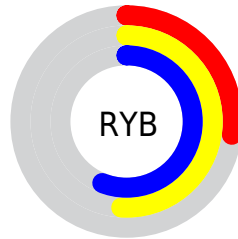
The Android color `4282814296` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287579773`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4286301578`, and `4278737961` is the 20% darker color. If you saturate the color by 10%, you get `4281896781`, and if you desaturate by 10%, it is `4283731811`.

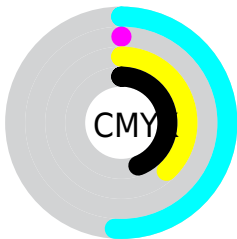
# Distribution



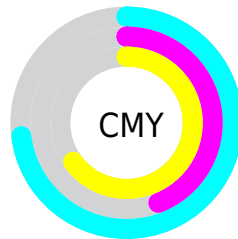
- Red (27%)
- Green (56%)
- Blue (35%)



- Red (27%)
- Yellow (51%)
- Blue (56%)



- Cyan (51%)
- Magenta (0%)
- Yellow (38%)
- Black (44%)



- Cyan (73%)
- Magenta (44%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282814296 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 4282814296 by changing the saturation by 10% instead.



 4282814296

 4282814296

4294967295

 4281038144

 4286301578

 4278737961

 4288078501

 4278207508

 4289920704

 4278201600

 4291821532

 4278195456

 4293656569

 4278190080

 4282814296

 4282814296

 4281896781

 4283731811

 4280913730

 4284714862

 4279996216

 4285632376

 4279078701

 4286549891

 4278226723

 4287532942

 4288450457

 4289367971

 4290285486

 4291268537

# Harmonies

## Analogous

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



4285827133



4282814296



4278227580

# Triad

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



4282814296



4281632200



4290995553

# Complementary

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



4282814296



4287579773

# 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.



4290863749



4282814296



4286478528

# Square

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



4282814296



4278226621



4289358503



4290015300

# Rectangle

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



4282814296



4278227605



4289358503



4291060332



# Sweetspot

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



4282814296



4288592549



4286484294



4283260498



4292796126



4284374622



# Same Dimension

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



4282814296



4283021925



4282814332



4282402626



4278224673



4278192130



# Inverse Universe

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



4287579773



4290398622



4287579737



4282859590



4287037542



4278714374



# Previews

## White Background



This preview shows how the Android color 4282814296 looks on a white background.

## Color Contrast Check

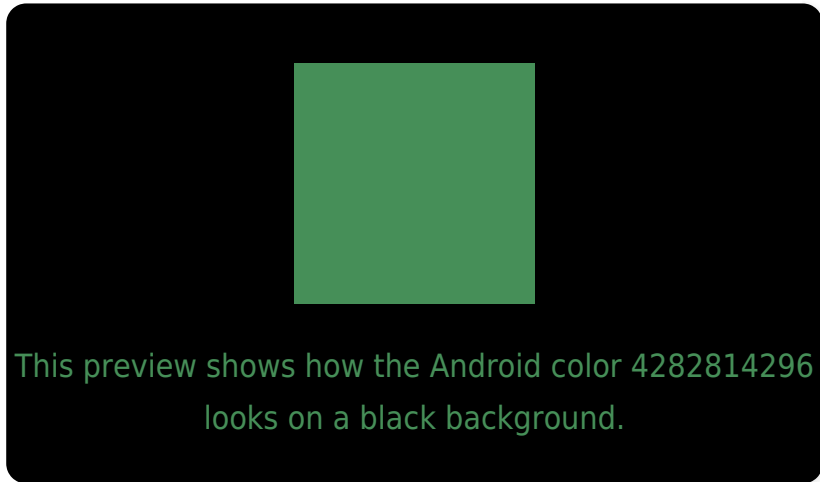
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282814296 Background



This preview shows how black text looks on a background with the Android color 4282814296.



This preview shows how white text looks on a background with the Android color 4282814296.

# 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**  
4282814296

**Protanomaly**  
4285695316

**Deuteranomaly**  
4286218843

**Tritanomaly**  
4283403134

# Monochromacy



**Original Color**  
4282814296

**Achromatopsia**  
4285756275

**Achromatomaly**  
4284710249

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282814296 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, 143, 88)` looks like.

```
.text, #text, p{  
    color:rgb(70, 143, 88)  
}
```

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, 143, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 143, 88) }
```

## Border

The CSS property to change the border of an element to Android 4282814296 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, 143, 88) }
```

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

```
.border{ border-color:rgb(70, 143, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 143, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 143, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 143, 88);  
box-shadow:4px 4px 4px 4px rgb(70, 143,  
88) }
```

# Background

The CSS property to change the background color of an element to Android 4282814296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 143, 88) }
```

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

```
.background{ background-color: rgb(70, 143,  
88) }
```

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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