

# Converting Colors

Android(4289712528)

Have a look what the booklet for  
Android(4289712528) contains.

<b>Android(4289712528)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4289712528)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFD190
RGB	175, 209, 144
RGB Percent	69%, 82%, 56%
CMY	0.3137, 0.1804, 0.4353
CMYK	0.16, 0.00, 0.31, 0.18
HSL	91°, 41%, 69%
HSV	91°, 31%, 82%
XYZ	45.5137, 56.7285, 34.9364
YIQ	191.4240, 0.6010, -27.4230

# Conversions

## Conversions Part 2

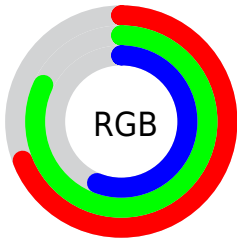
Format	Color
<a href="#">RYB</a>	<a href="#">144, 209, 178</a>
Decimal	<a href="#">11522448</a>
CIELab	<a href="#">80.03, -22.73, 28.64</a>
CIELCh	<a href="#">80, 36.567, 128.438</a>
Yxy	<a href="#">56.7285, 0.3318, 0.4135</a>
Android (android.graphics.Color)	<a href="#">4289712528</a> ( <a href="#">0xFFAFD190</a> )
YUV	<a href="#">191.4240, -23.3800, -14.4038</a>
Hunter-Lab	<a href="#">75.3183, -23.9423, 25.2211</a>

# Details

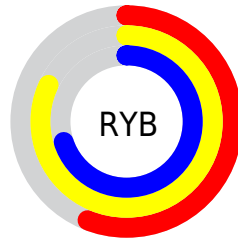
The Android color `4289712528` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4289892561`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4293394374`, and `4286224989` is the 20% darker color. If you saturate the color by 10%, you get `4288991611`, and if you desaturate by 10%, it is `4290433445`.

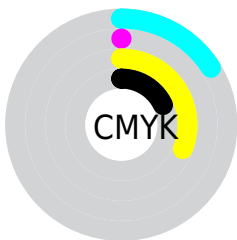
# Distribution



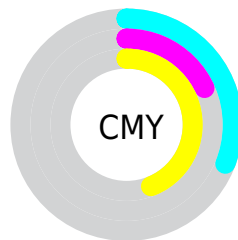
- Red (69%)
- Green (82%)
- Blue (56%)



- Red (56%)
- Yellow (82%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)



- Cyan (31%)
- Magenta (18%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289712528 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 4289712528 by changing the saturation by 10% instead.



 4289712528

 4289712528

4294967295

 4287935862

 4293394374

 4286224989

 4294967266

 4284514373

 4282869549

 4281290519

 4279777280

 4278198784

 4278190080

 4289712528

 4289712528

 4288991611

 4290433445

 4288270694

 4291154362

 4287549777

 4291875279

 4286828860

 4292596196

 4286107943

 4293317113

 4285387027

 4294038015

 4284797184

 4294758911

 4294955519

# Harmonies

## Analogous

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



4292134786



4289712528



4287027116

# Triad

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



4289712528



4285780479



4294946238

# Complementary

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



4289712528



4289892561

# 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.



4294619360



4289712528



4289185535

# Square

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



4289712528



4283619312



4292328188



4294947230

# Rectangle

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



4289712528



4285323715



4292328188



4294946250

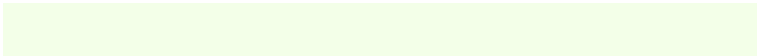


# Sweetspot

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



4289712528



4294180840



4291932816



4286087281



4278190080



4286611584

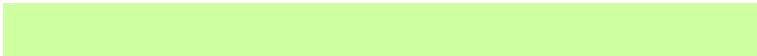


# Same Dimension

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



4289712528



4291755937



4287680913



4284705118



4283475968



4279445760



# Inverse Universe

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



4289892561



4291994111



4291924176



4284767849



4283957416



4279566377



# Previews

## White Background



This preview shows how the Android color 4289712528 looks on a white background.

## Color Contrast Check

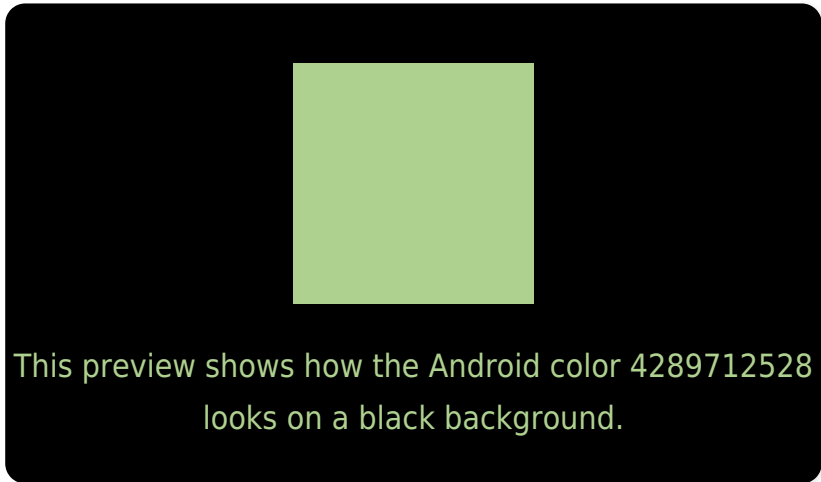
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4289712528 Background



This preview shows how black text looks on a background with the Android color 4289712528.



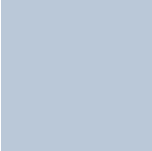
This preview shows how white text looks on a background with the Android color 4289712528.

# 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





**Tritanopia**  
4290431192

# Trichromacy



**Original Color**  
4289712528

**Protanomaly**  
4291349133

**Deuteranomaly**  
4292134291

**Tritanomaly**  
4290169790

# Monochromacy



**Original Color**  
4289712528

**Achromatopsia**  
4290756543

**Achromatomaly**  
4290365102

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289712528 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(175, 209, 144)` looks like.

```
.text, #text, p{  
    color:rgb(175, 209, 144)  
}
```

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(175, 209, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 209, 144) }
```

## Border

The CSS property to change the border of an element to Android 4289712528 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(175, 209, 144) }
```

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

```
.border{ border-color:rgb(175, 209, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 209, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 209, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 209, 144); box-shadow:4px 4px 4px 4px rgb(175, 209, 144) }
```

# Background

The CSS property to change the background color of an element to Android 4289712528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 209, 144) }
```

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

```
.background{ background-color: rgb(175,  
209, 144) }
```

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