

# Converting Colors

Android(4282757813)

Have a look what the booklet for  
Android(4282757813) contains.

<b>Android(4282757813)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4282757813)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45B2B5
RGB	69, 178, 181
RGB Percent	27%, 70%, 71%
CMY	0.7294, 0.3020, 0.2902
CMYK	0.62, 0.02, 0.00, 0.29
HSL	182°, 45%, 49%
HSV	182°, 62%, 71%
XYZ	26.7151, 36.4422, 49.3421
YIQ	145.7510, -65.9270, -22.1750

# Conversions

## Conversions Part 2

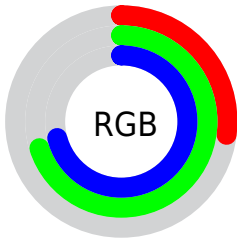
Format	Color
<b>RYB</b>	69, 124, 181
Decimal	4567733
CIELab	66.86, -29.62, -10.76
CIElCh	67, 31.512, 199.975
Yxy	36.4422, 0.2375, 0.3239
Android (android.graphics.Color)	4282757813 (0xFF45B2B5)
YUV	145.7510, 17.3778, -67.3106
Hunter-Lab	60.3674, -26.6491, -6.2043

# Details

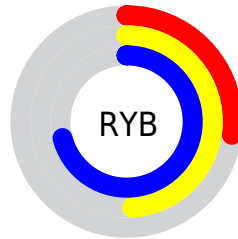
The Android color **4282757813** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **4290070597**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4286769901**, and **4278222208** is the 20% darker color. If you saturate the color by 10%, you get **4281578165**, and if you desaturate by 10%, it is **4283937461**.

# Distribution



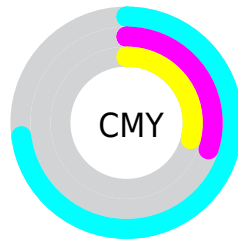
- Red (27%)
- Green (70%)
- Blue (71%)



- Red (27%)
- Yellow (49%)
- Blue (71%)



- Cyan (62%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (73%)
- Magenta (30%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282757813 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 4282757813 by changing the saturation by 10% instead.





4282757813



4282757813

4294967295



4280260506



4286769901



4278222208



4288675839



4278215527



4290576383



4278209359



4292542463



4278203448



4294508543



4278198563



4278190349



4278190080



4282757813



4282757813

■ 4281578165

■ 4283937461

■ 4280398261

■ 4285117365

■ 4279218613

■ 4286297013

■ 4278235317

■ 4287476917

■ 4288722101

■ 4289902005

■ 4291081653

■ 4292261557

■ 4293441205

# Harmonies

## Analogous

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



4284592792



4282757813



4283019213

# Triad

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



4282757813



4290614727



4290748011

# Complementary

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



4282757813



4290070597

# 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.



4292056184



4282757813



4292120237

# Square

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



4282757813



4288258008



4292578961



4288915309

# Rectangle

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



4282757813



4284459991



4292578961



4291271278



# Sweetspot

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



4282757813



4290701803



4282758471



4284118389



4294309365



4285887861



# Same Dimension

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



4282757813



4282246891



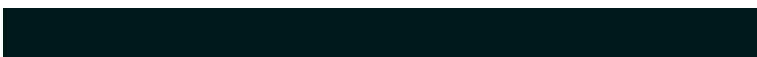
4282743733



4283455833



4278228377



4278196506



# Inverse Universe

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



4290069938



4293606886



4290084677



4284043353



4288217237



4279894041



# Previews

## White Background



This preview shows how the Android color 4282757813 looks on a white background.

## Color Contrast Check

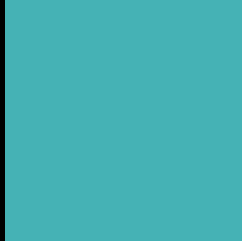
Large Text (above 18pt) WCAG AA × Fail

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 4282757813 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

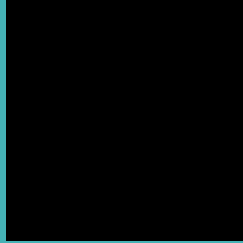
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282757813 Background



This preview shows how black text looks on a background with the Android color 4282757813.

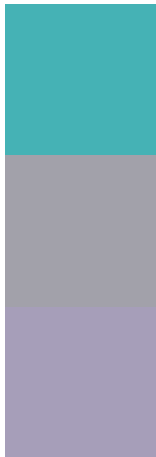


This preview shows how white text looks on a background with the Android color 4282757813.

# 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**  
4282757813

**Protanopia**  
4288848298

**Deuteranopia**  
4289109689



# Trichromacy



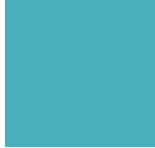
**Original Color**  
4282757813



**Protanomaly**  
4286621614



**Deuteranomaly**  
4286817720



**Tritanomaly**  
4282954171

# Monochromacy



**Original Color**  
4282757813



**Achromatopsia**  
4287795858



**Achromatomaly**  
4285963935

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282757813 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(69, 178, 181)` looks like.

```
.text, #text, p{  
    color:rgb(69, 178, 181)  
}
```

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(69, 178, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 178, 181) }
```

## Border

The CSS property to change the border of an element to Android 4282757813 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(69, 178, 181) }
```

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

```
.border{ border-color:rgb(69, 178, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 178, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 178, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 178, 181);  
box-shadow:4px 4px 4px 4px rgb(69, 178,  
181) }
```

# Background

The CSS property to change the background color of an element to Android 4282757813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 178, 181) }
```

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

```
.background{ background-color: rgb(69, 178,  
181) }
```

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