

# Converting Colors

Android(4282493111)

Have a look what the booklet for  
Android(4282493111) contains.

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# **Color**

**Android(4282493111)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41A8B7
RGB	65, 168, 183
RGB Percent	25%, 66%, 72%
CMY	0.7451, 0.3412, 0.2824
CMYK	0.64, 0.08, 0.00, 0.28
HSL	188°, 48%, 49%
HSV	188°, 64%, 72%
XYZ	24.7298, 32.5480, 49.7787
YIQ	138.9130, -66.2030, -17.1710

# Conversions

## Conversions Part 2

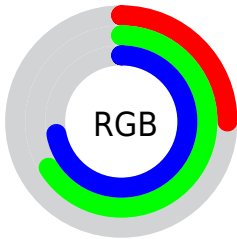
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	65, 120, 183
Decimal	4303031
CIE <sub>Lab</sub>	63.79, -24.74, -16.50
CIE <sub>LCh</sub>	64, 29.732, 213.702
Yxy	32.5480, 0.2310, 0.3040
Android (android.graphics.Color)	4282493111 (0xFF41A8B7)
YUV	138.9130, 21.7349, -64.8217
Hunter-Lab	57.0508, -22.4645, -11.7969

# Details

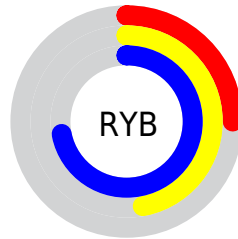
The Android color `4282493111` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4290203713`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4286504943`, and `4278219906` is the 20% darker color. If you saturate the color by 10%, you get `4281312951`, and if you desaturate by 10%, it is `4283673271`.

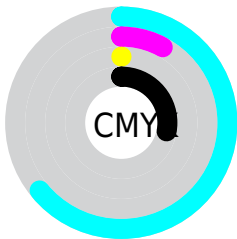
# Distribution



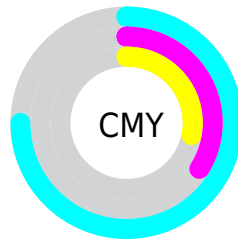
- Red (25%)
- Green (66%)
- Blue (72%)



- Red (25%)
- Yellow (47%)
- Blue (72%)



- Cyan (64%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)



- Cyan (75%)
- Magenta (34%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282493111 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 4282493111 by changing the saturation by 10% instead.





4282493111



4282493111

4294967295



4279864732



4286504943



4278219906



4288412927



4278213481



4290314239



4278207313



4292280319



4278201402



4294246399



4278196004



4278190350



4278190080



4282493111



4282493111

■ 4281312951

■ 4283673271

■ 4280066999

■ 4284919223

■ 4278886839

■ 4286099383

■ 4278231223

■ 4287279543

■ 4288459959

■ 4289705655

■ 4290885815

■ 4292066231

■ 4293311927

# Harmonies

## Analogous

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



4283476381



4282493111



4283802825

# Triad

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



4282493111



4290742962



4289370725

# Complementary

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



4282493111



4290203713

# 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.



4290810220



4282493111



4291725208

# Square

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



4282493111



4288844743



4291725694



4287472238

# Rectangle

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



4282493111



4285439951



4291725694



4289894246



# Sweetspot

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



4282493111



4290832365



4282496847



4284249208



4294440951



4286085240



# Same Dimension

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



4282493111



4281849581



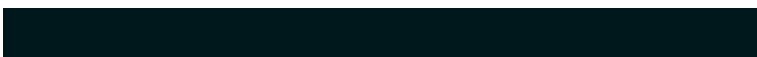
4282478263



4283652956



4278225052



4278196252



# Inverse Universe

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



4290199976



4293736406



4290218561



4284240731



4288413832



4280025112



# Previews

## White Background



This preview shows how the Android color 4282493111 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 4282493111 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

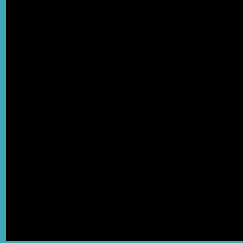
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282493111 Background



This preview shows how black text looks on a background with the Android color 4282493111.



This preview shows how white text looks on a background with the Android color 4282493111.

# 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**

4282493111



**Protanomaly**

4286095025



**Deuteranomaly**

4286094778



**Tritanomaly**

4282427574

# Monochromacy



**Original Color**

4282493111



**Achromatopsia**

4287335307



**Achromatomaly**

4285568667

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282493111 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(65, 168, 183)` looks like.

```
.text, #text, p{  
    color:rgb(65, 168, 183)  
}
```

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(65, 168, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 168, 183) }
```

## Border

The CSS property to change the border of an element to Android 4282493111 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(65, 168, 183) }
```

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

```
.border{ border-color:rgb(65, 168, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 168, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 168, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 168, 183);  
box-shadow:4px 4px 4px 4px rgb(65, 168,  
183) }
```

# Background

The CSS property to change the background color of an element to Android 4282493111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 168, 183) }
```

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

```
.background{ background-color: rgb(65, 168,  
183) }
```

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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