

Converting Colors

Android(4282438791)

Have a look what the booklet for
Android(4282438791) contains.

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Color

Android(4282438791)

Conversions

Conversions Part 1

Format	Color
Hex	40D487
RGB	64, 212, 135
RGB Percent	25%, 83%, 53%
CMY	0.7490, 0.1686, 0.4706
CMYK	0.70, 0.00, 0.36, 0.17
HSL	149°, 63%, 54%
HSV	149°, 70%, 83%
XYZ	30.0310, 49.9262, 30.9756
YIQ	158.9700, -63.4910, -55.3230

Conversions

Conversions Part 2

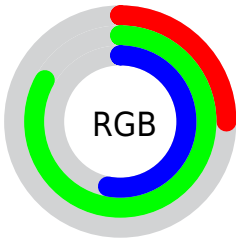
Format	Color
RYB	64, 164, 212
Decimal	4248711
CIELab	76.02, -56.11, 27.12
CIELCh	76, 62.318, 154.198
Yxy	49.9262, 0.2707, 0.4501
Android (android.graphics.Color)	4282438791 (0xFF40D487)
YUV	158.9700, -11.8172, -83.2887
Hunter-Lab	70.6585, -47.7870, 23.4691

Details

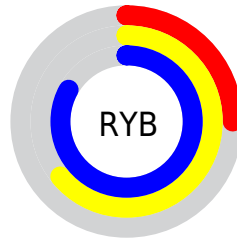
The Android color **4282438791** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **4292100237**, and the grayscale version is **4288651167**.

A 20% lighter version of the original color is **4286709693**, and **4278230100** is the 20% darker color. If you saturate the color by 10%, you get **4281062524**, and if you desaturate by 10%, it is **4283815058**.

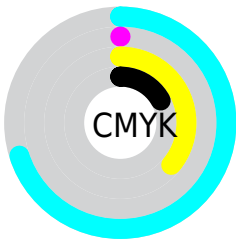
Distribution



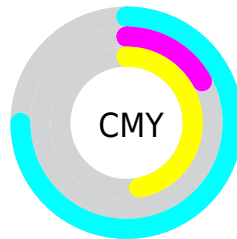
- Red (25%)
- Green (83%)
- Blue (53%)



- Red (25%)
- Yellow (64%)
- Blue (83%)



- Cyan (70%)
- Magenta (0%)
- Yellow (36%)
- Black (17%)



- Cyan (75%)
- Magenta (17%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282438791 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 4282438791 by changing the saturation by 10% instead.



4282438791



4282438791

4294967295



4279023725



4286709693



4278230100



4288675801



4278223165



4290707445



4278216485



4292673535



4278210062



4294639615



4278203904



4278197504




4278190080



4282438791



4282438791

 4281062524

 4283815058

 4279686257

 4285191325

 4278244454

 4286633128

 4288009395

 4289385662

 4290761929

 4292138196

 4293579999

 4294956266

Harmonies

Analogous

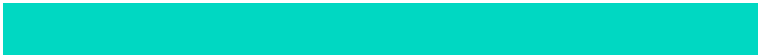
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288203607



4282438791



4278245570

Triad

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



4282438791



4283875327



4294939006

Complementary

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



4282438791



4292100237

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.



4294936758



4282438791



4291406335

Square

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



4282438791



4278243327



4294939375



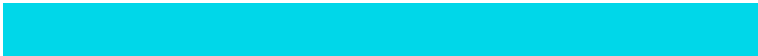
4294944339

Rectangle

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



4282438791



4278245353



4294939375



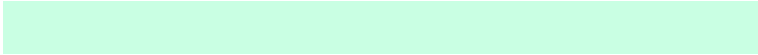
4294937744

Sweetspot

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



4282438791



4291428323



4287616064



4284514415



4278190080



4286611584

Same Dimension

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



4282438791



4280942480



4282438863



4284509030



4278233938



4278201109

Inverse Universe

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



4292100237



4294912408



4292100165



4285227110



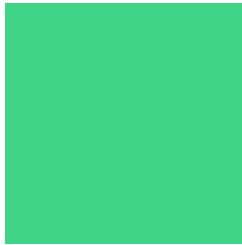
4289396825



4281008151

Previews

White Background



This preview shows how the Android color 4282438791 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 4282438791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

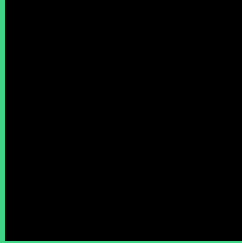
Any Text WCAG AA ✓ Pass

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 4282438791 Background



This preview shows how black text looks on a background with the Android color 4282438791.



This preview shows how white text looks on a background with the Android color 4282438791.

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

4282438791



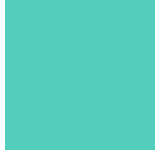
Protanomaly

4288201600



Deuteranomaly

4288855692



Tritanomaly

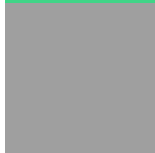
4283748028

Monochromacy



Original Color

4282438791



Achromatopsia

4288651167



Achromatomaly

4286362262

CSS Examples

Text

The CSS property to change the color of the text to Android 4282438791 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(64, 212, 135)` looks like.

```
.text, #text, p{  
    color:rgb(64, 212, 135)  
}
```

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(64, 212, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 212, 135) }
```

Border

The CSS property to change the border of an element to Android 4282438791 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(64, 212, 135) }
```

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

```
.border{ border-color:rgb(64, 212, 135) }
```

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

Here you see how a box with a 4 pixel rgb(64, 212, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 212, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 212, 135);  
box-shadow:4px 4px 4px 4px rgb(64, 212,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4282438791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 212, 135) }
```

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

```
.background{ background-color: rgb(64, 212,  
135) }
```

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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