

Converting Colors

Android(4281578641)

Have a look what the booklet for
Android(4281578641) contains.

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Color

Android(4281578641)

Conversions

Conversions Part 1

Format	Color
Hex	33B491
RGB	51, 180, 145
RGB Percent	20%, 71%, 57%
CMY	0.8000, 0.2941, 0.4314
CMYK	0.72, 0.00, 0.19, 0.29
HSL	164°, 56%, 45%
HSV	164°, 72%, 71%
XYZ	22.7973, 35.3907, 32.4176
YIQ	137.4390, -65.6490, -38.2330

Conversions

Conversions Part 2

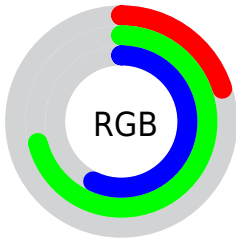
Format	Color
RYB	51, 126, 180
Decimal	3388561
CIELab	66.05, -43.01, 7.92
CIELCh	66, 43.734, 169.566
Yxy	35.3907, 0.2516, 0.3906
Android (android.graphics.Color)	4281578641 (0xFF33B491)
YUV	137.4390, 3.7276, -75.8070
Hunter-Lab	59.4900, -35.7041, 9.3344

Details

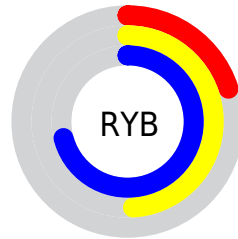
The Android color `4281578641` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4289999702`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4285787591`, and `4278222431` is the 20% darker color. If you saturate the color by 10%, you get `4280398988`, and if you desaturate by 10%, it is `4282758294`.

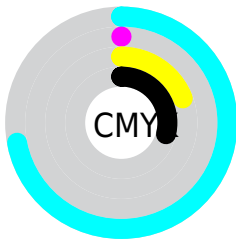
Distribution



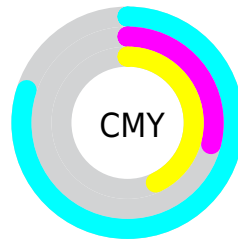
- Red (20%)
- Green (71%)
- Blue (57%)



- Red (20%)
- Yellow (49%)
- Blue (71%)



- Cyan (72%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)




- Cyan (80%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281578641 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 4281578641 by changing the saturation by 10% instead.

 4281578641

 4281578641

4294967295

 4278229367

 4285787591

 4278222431

 4287758307

 4278215751

 4289658879

 4278209585


 4291624959

 4278203420

 4293591039

 4278197762

 4278190080

 4281578641

 4281578641

 4280398988

 4282758294

■ 4279219335

■ 4283937947

■ 4278236291

■ 4285117600

■ 4286297253

■ 4287476905

■ 4288656558

■ 4289836211

■ 4291015864

■ 4292195517

Harmonies

Analogous

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



4285706092



4281578641



4278236602

Triad

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



4281578641



4287601898



4292906086

Complementary

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



4281578641



4289999702

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.



4293624456



4281578641



4291071444

Square

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



4281578641



4282296813



4293100208



4291140178

Rectangle

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



4281578641



4278236113



4293100208



4293298032

Sweetspot

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



4281578641



4290243549



4284003379



4283921773



4294309365



4285887861

Same Dimension

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



4281578641



4280413108



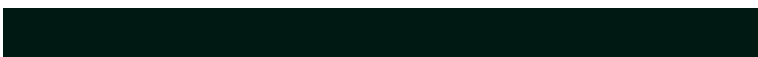
4281571508



4283455831



4278229359



4278196755

Inverse Universe

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



4289999702



4293599576



4290006835



4284043347



4288217130



4279894023

Previews

White Background



This preview shows how the Android color 4281578641 looks on a white background.

Color Contrast Check

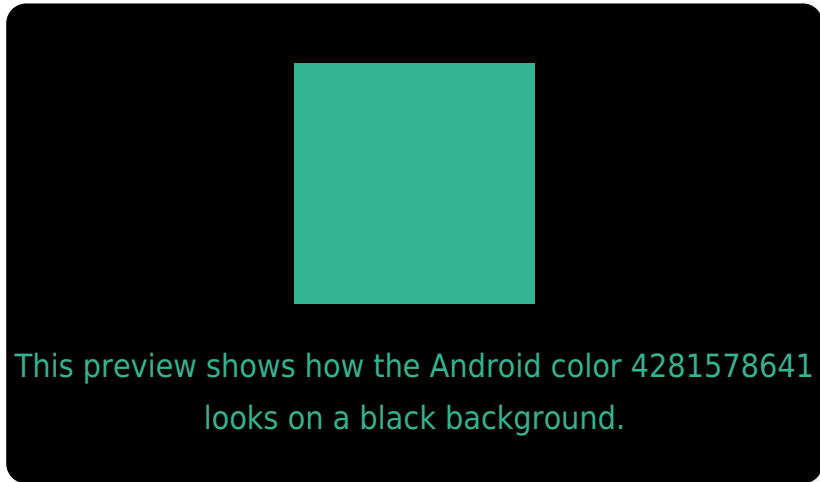
Large Text (above 18pt) WCAG AA × Fail

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 4281578641 Background



This preview shows how black text looks on a background with the Android color 4281578641.

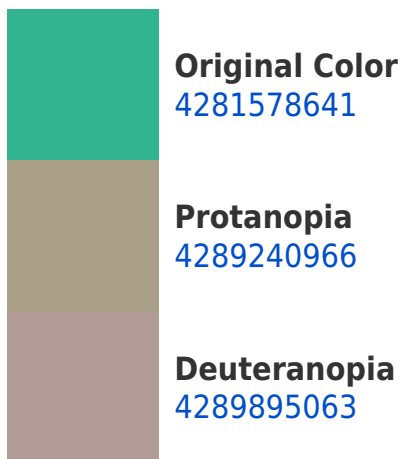


This preview shows how white text looks on a background with the Android color 4281578641.

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
4281578641



Protanomaly
4286424970



Deuteranomaly
4286882709



Tritanomaly
4282429612

Monochromacy



Original Color
4281578641



Achromatopsia
4287203721



Achromatomaly
4285176204

CSS Examples

Text

The CSS property to change the color of the text to Android 4281578641 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(51, 180, 145)` looks like.

```
.text, #text, p{  
    color:rgb(51, 180, 145)  
}
```

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(51, 180, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 180, 145) }
```

Border

The CSS property to change the border of an element to Android 4281578641 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(51, 180, 145) }
```

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

```
.border{ border-color:rgb(51, 180, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 180, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 180, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 180, 145);  
box-shadow:4px 4px 4px 4px rgb(51, 180,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4281578641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 180, 145) }
```

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

```
.background{ background-color: rgb(51, 180,  
145) }
```

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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