

Converting Colors

Android(4281580725)

Have a look what the booklet for
Android(4281580725) contains.

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Color

Android(4281580725)

Conversions

Conversions Part 1

Format	Color
Hex	33BCB5
RGB	51, 188, 181
RGB Percent	20%, 74%, 71%
CMY	0.8000, 0.2627, 0.2902
CMYK	0.73, 0.00, 0.04, 0.26
HSL	177°, 57%, 47%
HSV	177°, 73%, 74%
XYZ	27.6890, 40.0064, 49.9787
YIQ	146.2390, -79.4050, -31.2210

Conversions

Conversions Part 2

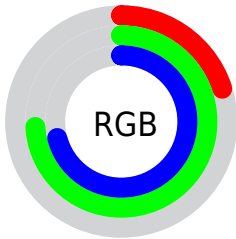
Format	Color
R _{YB}	51, 121, 188
Decimal	3390645
CIE Lab	69.47, -36.97, -6.91
CIE LCh	69, 37.607, 190.587
Yxy	40.0064, 0.2353, 0.3400
Android (android.graphics.Color)	4281580725 (0xFF33BCB5)
YUV	146.2390, 17.1372, -83.5246
Hunter-Lab	63.2506, -32.5475, -2.5737

Details

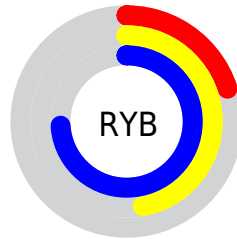
The Android color `4281580725` is a dark color, and the websafe version is hex `33CCCC`. A complement of this color would be `4290523962`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4286051821`, and `4278224512` is the 20% darker color. If you saturate the color by 10%, you get `4280335540`, and if you desaturate by 10%, it is `4282825910`.

Distribution



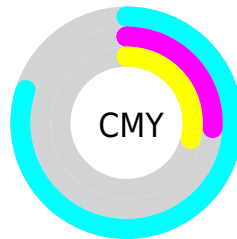
- Red (20%)
- Green (74%)
- Blue (71%)



- Red (20%)
- Yellow (47%)
- Blue (74%)



- Cyan (73%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)



- Cyan (80%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281580725 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 4281580725 by changing the saturation by 10% instead.



4281580725



4281580725

4294967295



4278231450



4286051821



4278224512



4288020479



4278217831



4289986559



4278211407



4291952639



4278205240



4293984255



4278199843



4278190350



4278190080



4281580725



4281580725

■ 4280335540

■ 4282825910

■ 4279090355

■ 4284071095

■ 4278238386

■ 4285250744

■ 4286495929

■ 4287741114

■ 4288986299

■ 4290231484

■ 4291411133

■ 4292656318

Harmonies

Analogous

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



4284791442



4281580725



4279679701

Triad

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



4281580725



4290616542



4292059242

Complementary

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



4281580725



4290523962

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.



4293367167



4281580725



4292776641

Square

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



4281580725



4287408620



4293693343



4290030694

Rectangle

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



4281580725



4282169060



4293693343



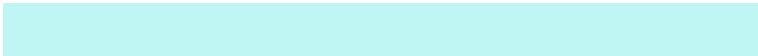
4292582511

Sweetspot

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



4281580725



4290770418



4282170419



4284185209



4294638330



4286216826

Same Dimension

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



4281580725



4280350186



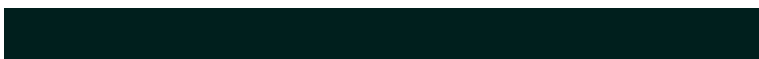
4281565628



4283784798



4278230678



4278198045

Inverse Universe

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



4290523962



4294254635



4290539059



4284372309



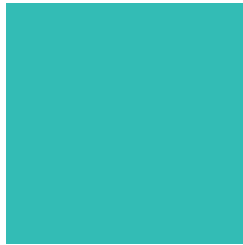
4288544776



4280221698

Previews

White Background



This preview shows how the Android color 4281580725 looks on a white background.

Color Contrast Check

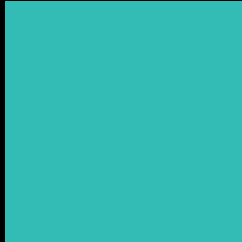
Large Text (above 18pt) WCAG AA × Fail

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 4281580725 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

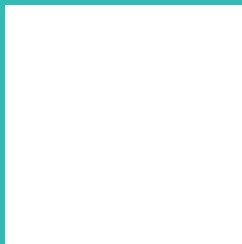
Any Text WCAG AAA ✓ Pass

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

Android 4281580725 Background



This preview shows how black text looks on a background with the Android color 4281580725.



This preview shows how white text looks on a background with the Android color 4281580725.

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

4281580725



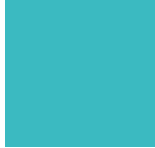
Protanomaly

4286558125



Deuteranomaly

4286819768



Tritanomaly

4282104513

Monochromacy



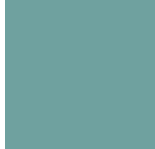
Original Color

4281580725



Achromatopsia

4287795858



Achromatomaly

4285505951

CSS Examples

Text

The CSS property to change the color of the text to Android 4281580725 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, 188, 181)` looks like.

```
.text, #text, p{  
    color:rgb(51, 188, 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(51, 188, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 188, 181) }
```

Border

The CSS property to change the border of an element to Android 4281580725 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, 188, 181) }
```

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

```
.border{ border-color:rgb(51, 188, 181) }
```

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

Here you see how a box with a 4 pixel rgb(51, 188, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 188, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 188, 181);  
box-shadow:4px 4px 4px 4px rgb(51, 188,  
181) }
```

Background

The CSS property to change the background color of an element to Android 4281580725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 188, 181) }
```

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

```
.background{ background-color: rgb(51, 188,  
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](#).

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