Converting Colors

Android(4281463726)

Have a look what the booklet for Android(4281463726) contains.

Color

Android(4281463726)

Conversions

Conversions Part 1

Format	Color
Hex	31F3AE
RGB	49, 243, 174
RGB Percent	19%, 95%, 68%
CMY	0.8078, 0.0471, 0.3176
CMYK	0.80, 0.00, 0.28, 0.05
HSL	159°, 89%, 57%
HSV	159°, 80%, 95%
XYZ	40.9572, 67.8101, 50.9744
YIQ	177.1280, -93.4750, -62.5870

Conversions

Conversions Part 2

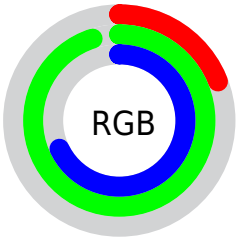
Format	Color
RYB	49, 167, 243
Decimal	3273646
CIELab	85.91, -61.61, 20.41
CIELCh	86, 64.907, 161.669
Yxy	67.8101, 0.2564, 0.4245
Android (android.graphics.Color)	4281463726 (0xFF31F3AE)
YUV	177.1280, -1.5421, -112.3683
Hunter-Lab	82.3469, -55.3259, 20.9411

Details

The Android color 4281463726 is a light color, and the websafe version is hex 33FFCC. The color can be described as light washed spring green. A complement of this color would be 4294127990, and the grayscale version is 4289835441.

A 20% lighter version of the original color is 4286578662, and 4278237561 is the 20% darker color. If you saturate the color by 10%, you get 4279890853, and if you desaturate by 10%, it is 4283036599.

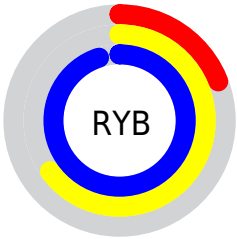
Distribution



Red (19%)

Green (95%)

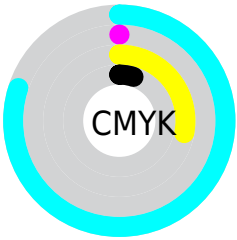
Blue (68%)



Red (19%)

Yellow (65%)

Blue (95%)

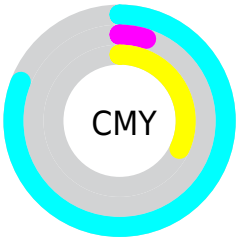


Cyan (80%)

Magenta (0%)

Yellow (28%)

Black (5%)



Cyan (81%)

Magenta (5%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281463726 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 4281463726 by changing the saturation by 10% instead.

4281463726

4294967295

4286578662

4288675839

4290772991

4292870143

4294901759

4281463726

4278245011

4278237561

4278230624

4278223688

4278216753

4278210075

4278204163

4278197504

4278190080

4281463726

4279890853

4278252445

4281463726

4283036599

4284675007

4286247880

4287820753

4289393625

4291032034

4292604906

4294177779

4294964220

Harmonies

Analogous

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

4288735863

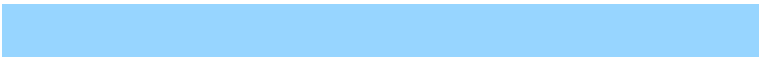
4281463726

4278253294

Triad

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

4281463726



4288140799

4294946696

Complementary

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

4281463726

4294127990

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.

4294943425

4281463726

4294622719

Square

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

4281463726

4278249727

4294944767

4294952544

Rectangle

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

4281463726

4278252799

4294944767

4294945178

Sweetspot

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

4281463726

4290969577

4286116657

4284186738

4278190080

4286611584

Same Dimension

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

4281463726

4278910888

4281457139

4285430390

4278237816

4278205222

Inverse Universe

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

4294127990

4294904417

4294134577

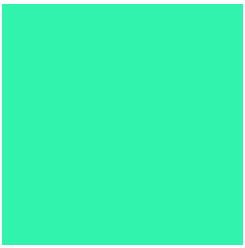
4286213747

4290379842

4282056725

Previews

White Background

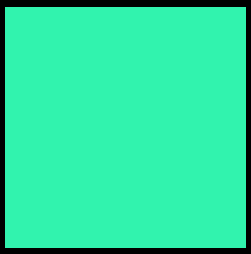


This preview shows how the Android color 4281463726 looks on a white background.

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 4281463726 looks on a black background.

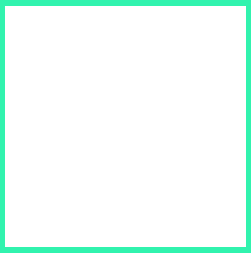
Color Contrast Check

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 4281463726 Background

This preview shows how black text looks on a background with the Android color 4281463726.



This preview shows how white text looks on a background with the Android color 4281463726.

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

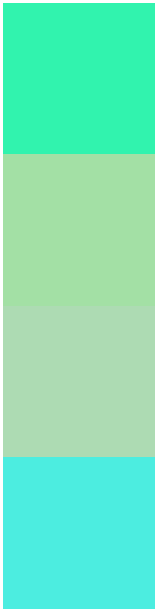
Original Color
4281463726

Protanopia
4293186976

Deuteranopia
4294233526

Tritanopia
4284279292

Trichromacy



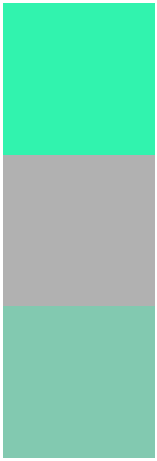
Original Color
4281463726

Protanomaly
4288929957

Deuteranomaly
4289584051

Tritanomaly
4283231712

Monochromacy



Original Color
4281463726

Achromatopsia
4289835441

Achromatomaly
4286761392

CSS Examples

Text

The CSS property to change the color of the text to Android 4281463726 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(49, 243, 174) looks like.

```
.text, #text, p{
    color:rgb(49, 243, 174)
}
```

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(49, 243, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 243, 174) }
```

Border

The CSS property to change the border of an element to Android 4281463726 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(49, 243, 174) }
```

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

```
.border{ border-color:rgb(49, 243, 174) }
```

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

Here you see how a box with a 4 pixel rgb(49, 243, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(49, 243, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(49, 243, 174); box-shadow:4px 4px 4px 4px rgb(49, 243, 174) }
```

Background

The CSS property to change the background color of an element to Android 4281463726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(49, 243, 174) }
```

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

```
.background{ background-color:rgb(49, 243,
174) }
```

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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