

Converting Colors

Android(4284801718)

Have a look what the booklet for
Android(4284801718) contains.

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Color

Android(4284801718)

Conversions

Conversions Part 1

Format	Color
Hex	64E2B6
RGB	100, 226, 182
RGB Percent	39%, 89%, 71%
CMY	0.6078, 0.1137, 0.2863
CMYK	0.56, 0.00, 0.19, 0.11
HSL	159°, 68%, 64%
HSV	159°, 56%, 89%
XYZ	40.8954, 60.4794, 53.7743
YIQ	183.3100, -60.9720, -40.3960

Conversions

Conversions Part 2

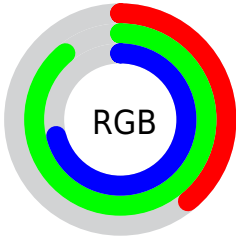
Format	Color
RYB	100, 176, 226
Decimal	6611638
CIELab	82.10, -45.37, 11.05
CIELCh	82, 46.692, 166.316
Yxy	60.4794, 0.2636, 0.3898
Android (android.graphics.Color)	4284801718 (0xFF64E2B6)
YUV	183.3100, -0.6458, -73.0629
Hunter-Lab	77.7685, -42.2288, 13.4410

Details

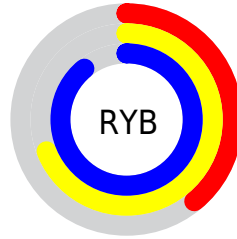
The Android color `4284801718` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4293026960`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4288741358`, and `4280068737` is the 20% darker color. If you saturate the color by 10%, you get `4283294382`, and if you desaturate by 10%, it is `4286309054`.

Distribution



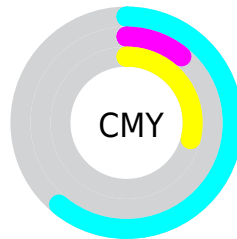
- Red (39%)
- Green (89%)
- Blue (71%)



- Red (39%)
- Yellow (69%)
- Blue (89%)



- Cyan (56%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (61%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284801718 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 4284801718 by changing the saturation by 10% instead.



4284801718



4284801718

4294967295



4282697371



4288741358



4280068737



4290641919



4278226792



4292607999



4278219856



4294574079



4278213433



4278207011



4278201358



4278193664



4278190080

 4284801718

 4284801718

 4283294382

 4286309054

 4281852582

 4287750854

 4280345246

 4289258190

 4278903446

 4290699990

 4278248083

 4292207325

 4293714661

 4294959853

 4294959861

 4294959869

Harmonies

Analogous

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



4288666766



4284801718



4278248419

Triad

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



4284801718



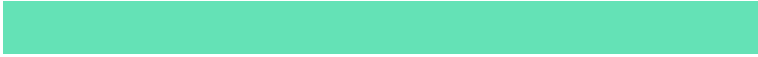
4289906943



4294947983

Complementary

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



4284801718



4293026960

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.



4294945462



4284801718



4293900543

Square

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



4284801718



4284667647



4294946018



4294624119

Rectangle

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



4284801718



4278247935



4294946018



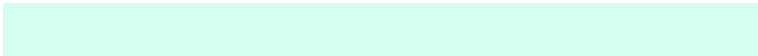
4294946714

Sweetspot

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



4284801718



4292149232



4287685220



4284907639



4278190080



4286611584

Same Dimension

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



4284801718



4283760579



4284796898



4284837996



4278235251



4278202400

Inverse Universe

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



4293026960



4294923408



4293031780



4285556073



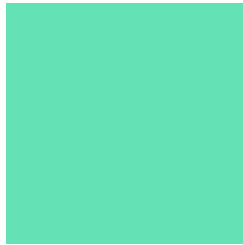
4289724477



4281335825

Previews

White Background



This preview shows how the Android color 4284801718 looks on a white background.

Color Contrast Check

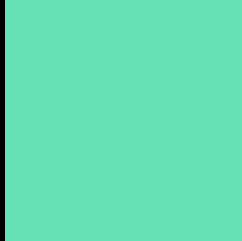
Large Text (above 18pt) WCAG AA × Fail

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 4284801718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

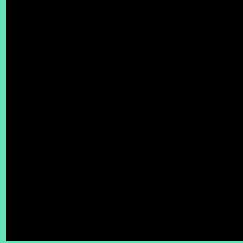
Any Text WCAG AA ✓ Pass

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 4284801718 Background



This preview shows how black text looks on a background with the Android color 4284801718.



This preview shows how white text looks on a background with the Android color 4284801718.

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



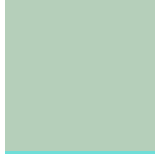
Original Color

4284801718



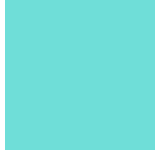
Protanomaly

4289581998



Deuteranomaly

4290105274



Tritanomaly

4285521624

Monochromacy



Original Color

4284801718



Achromatopsia

4290230199



Achromatomaly

4288268215

CSS Examples

Text

The CSS property to change the color of the text to Android 4284801718 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(100, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(100, 226, 182)  
}
```

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(100, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 226, 182) }
```

Border

The CSS property to change the border of an element to Android 4284801718 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(100, 226, 182) }
```

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

```
.border{ border-color:rgb(100, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 226, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 226, 182);  
box-shadow:4px 4px 4px 4px rgb(100, 226,  
182) }
```

Background

The CSS property to change the background color of an element to Android 4284801718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 226, 182) }
```

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

```
.background{ background-color: rgb(100,  
226, 182) }
```

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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