

Converting Colors

Android(4281564040)

Have a look what the booklet for
Android(4281564040) contains.

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Color

Android(4281564040)

Conversions

Conversions Part 1

Format	Color
Hex	337B88
RGB	51, 123, 136
RGB Percent	20%, 48%, 53%
CMY	0.8000, 0.5176, 0.4667
CMYK	0.63, 0.10, 0.00, 0.47
HSL	189°, 45%, 37%
HSV	189°, 62%, 53%
XYZ	12.8921, 16.6473, 25.8263
YIQ	102.9540, -47.0850, -11.2210

Conversions

Conversions Part 2

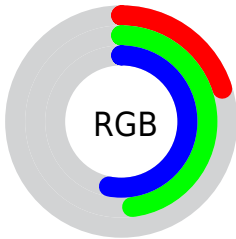
Format	Color
RYB	51, 90, 136
Decimal	3373960
CIELab	47.81, -18.15, -13.78
CIELCh	48, 22.792, 217.205
Yxy	16.6473, 0.2329, 0.3007
Android (android.graphics.Color)	4281564040 (0xFF337B88)
YUV	102.9540, 16.2917, -45.5637
Hunter-Lab	40.8011, -15.0004, -8.9687

Details

The Android color `4281564040` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4287119411`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4285247677`, and `4278209110` is the 20% darker color. If you saturate the color by 10%, you get `4280646024`, and if you desaturate by 10%, it is `4282482056`.

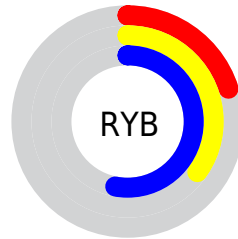
Distribution



Red (20%)

Green (48%)

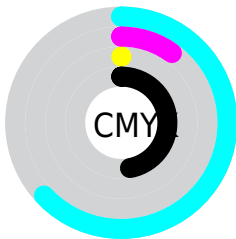
Blue (53%)



Red (20%)

Yellow (35%)

Blue (53%)

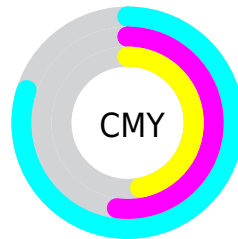


Cyan (63%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (80%)


Magenta (52%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281564040 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 4281564040 by changing the saturation by 10% instead.

 4281564040

 4281564040

4294967295

 4279263855

 4285247677

 4278209110

 4287024089

 4278203199

 4288866294

 4278198057


 4290707455

 4278190357

 4292607999

 4278190080

 4294574079

 4281564040

 4281564040

 4280646024

 4282482056

■ 4279793544

■ 4283334536

■ 4278875528

■ 4284252552

■ 4278219656

■ 4285105032

■ 4286023048

■ 4286941064

■ 4287793800

■ 4288711816

■ 4289564296

Harmonies

Analogous

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



4282023030



4281564040



4282611604

Triad

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



4281564040



4287522177



4286214731

Complementary

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



4281564040



4287119411

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.



4287327054



4281564040



4288111469

Square

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



4281564040



4286213008



4288046683



4284839762

Rectangle

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



4281564040



4283790487



4288046683



4286672971

Sweetspot

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



4281564040



4287605680



4281567296



4282734169



4292467161



4284045657

Same Dimension

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



4281564040



4281113776



4281553288



4282270789



4278218885



4278191109

Inverse Universe

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



4287116155



4289735836



4287130163



4282728004



4286906480



4278517764

Previews

White Background



This preview shows how the Android color 4281564040 looks on a white background.

Color Contrast Check

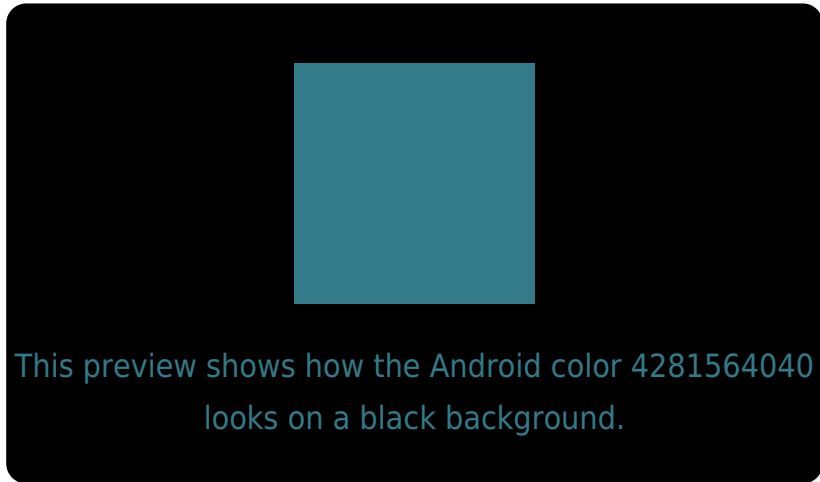
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4281564040 Background



This preview shows how black text looks on a background with the Android color 4281564040.

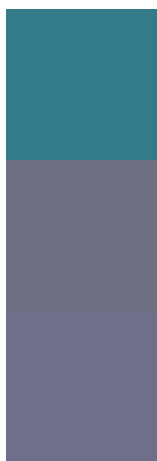


This preview shows how white text looks on a background with the Android color 4281564040.

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

4281564040

Protanopia

4285427841

Deuteranopia

4285493131

Trichromacy



Original Color

4281564040

Protanomaly

4284052612

Deuteranomaly

4284052362

Tritanomaly

4281498502

Monochromacy



Original Color

4281564040

Achromatopsia

4284966759

Achromatomaly

4283723379

CSS Examples

Text

The CSS property to change the color of the text to Android 4281564040 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, 123, 136)` looks like.

```
.text, #text, p{  
    color:rgb(51, 123, 136)  
}
```

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, 123, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 123, 136) }
```

Border

The CSS property to change the border of an element to Android 4281564040 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, 123, 136) }
```

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

```
.border{ border-color:rgb(51, 123, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 123, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 123, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 123, 136);  
box-shadow:4px 4px 4px 4px rgb(51, 123,  
136) }
```

Background

The CSS property to change the background color of an element to Android 4281564040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 123, 136) }
```

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

```
.background{ background-color: rgb(51, 123,  
136) }
```

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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