

Converting Colors

Android(4284311920)

Have a look what the booklet for
Android(4284311920) contains.

Android(4284311920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284311920)

Conversions

Conversions Part 1

Format	Color
Hex	5D6970
RGB	93, 105, 112
RGB Percent	36%, 41%, 44%
CMY	0.6353, 0.5882, 0.5608
CMYK	0.17, 0.06, 0.00, 0.56
HSL	202°, 9%, 40%
HSV	202°, 17%, 44%
XYZ	12.4904, 13.6002, 17.2960
YIQ	102.2100, -9.3990, -0.3670

Conversions

Conversions Part 2

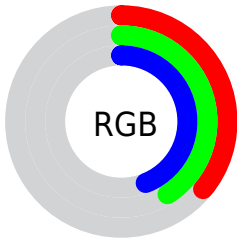
Format	Color
R _Y B	93, 100, 112
Decimal	6121840
CIE Lab	43.65, -2.92, -5.46
CIE LCh	44, 6.198, 241.840
Yxy	13.6002, 0.2879, 0.3135
Android (android.graphics.Color)	4284311920 (0xFF5D6970)
YUV	102.2100, 4.8265, -8.0772
Hunter-Lab	36.8784, -4.0807, -1.9922

Details

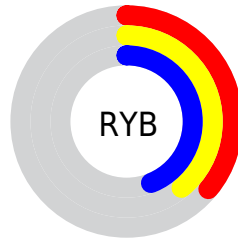
The Android color `4284311920` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4285555805`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4287601828`, and `4281285184` is the 20% darker color. If you saturate the color by 10%, you get `4283590000`, and if you desaturate by 10%, it is `4285033840`.

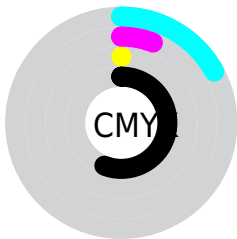
Distribution



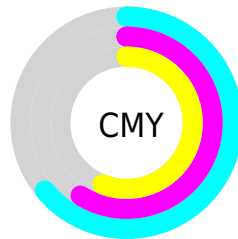
- Red (36%)
- Green (41%)
- Blue (44%)



- Red (36%)
- Yellow (39%)
- Blue (44%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284311920 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 4284311920 by changing the saturation by 10% instead.

■ 4284311920

■ 4284311920

4294967295

■ 4282732888

■ 4287601828

■ 4281285184

■ 4289378239

■ 4279903274

■ 4291154907

■ 4278193942

■ 4292997111

■ 4278190080

4294901759

■ 4284311920

■ 4284311920

■ 4283590000

■ 4285033840

■ 4282868080

■ 4285755760

■ 4282080624

■ 4286543216

■ 4281358448

■ 4287265392

■ 4280636528

■ 4287987312

■ 4279914608

■ 4288709232

■ 4279192688

■ 4289431152

■ 4278405232

■ 4290218608

■ 4278208368

■ 4290940528

Harmonies

Analogous

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



4284181100



4284311920



4284639089

Triad

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



4284311920



4285686887



4284835934

Complementary

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



4284311920



428555805

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.



4285228893



4284311920



4285686882

Square

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



4284311920



4285424748



4285556062



4284508770

Rectangle

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



4284311920



4284966513



4285556062



4284967006

Sweetspot

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



4284311920



4287270801



4284313700



4282796106



4291414473



4283058762

Same Dimension

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



4284311920



4285826961



4284309616



4281480760



4278209656



4278230263

Inverse Universe

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



4285554025



4287722631



4285558109



4281872950



4286054476



4294377628

Previews

White Background



This preview shows how the Android color 4284311920 looks on a white background.

Color Contrast Check

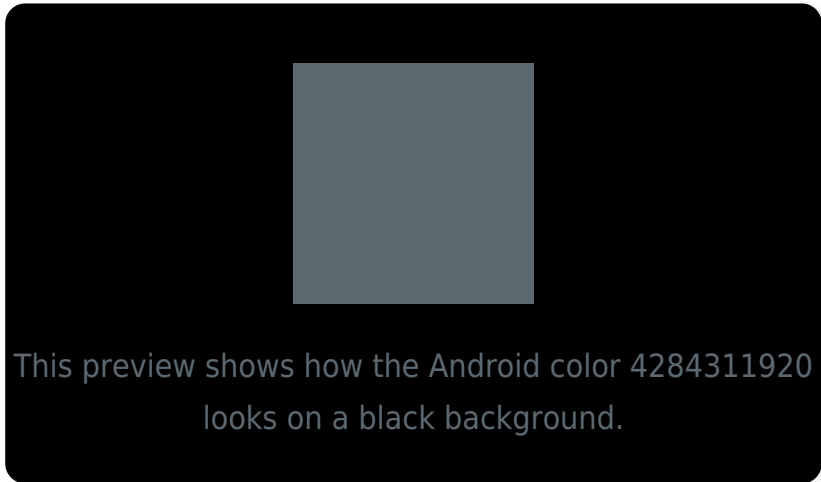
Large Text (above 18pt) WCAG AA ✓ Pass

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

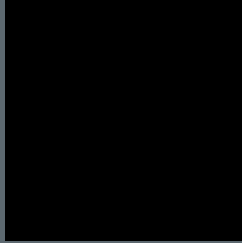
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

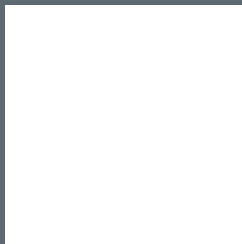
Any Text WCAG AAA × Fail

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

Android 4284311920 Background



This preview shows how black text looks on a background with the Android color 4284311920.



This preview shows how white text looks on a background with the Android color 4284311920.

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](#).

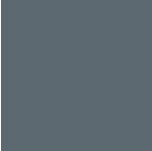
Dichromacy



Original Color
4284311920

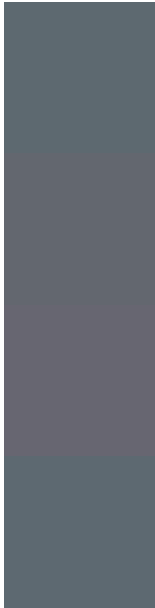
Protanopia
4284966510

Deuteranopia
4285293681



Tritanopia
4284311921

Trichromacy



Original Color

4284311920

Protanomaly

4284704623

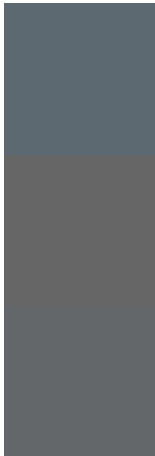
Deuteranomaly

4284966513

Tritanomaly

4284311921

Monochromacy



Original Color

4284311920

Achromatopsia

4284900966

Achromatomaly

4284704618

CSS Examples

Text

The CSS property to change the color of the text to Android 4284311920 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(93, 105, 112) looks like.

```
.text, #text, p{  
    color:rgb(93, 105, 112)  
}
```

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(93, 105, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 105, 112) }
```

Border

The CSS property to change the border of an element to Android 4284311920 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(93, 105, 112) }
```

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

```
.border{ border-color:rgb(93, 105, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 105, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 105, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 105, 112);  
box-shadow:4px 4px 4px 4px rgb(93, 105,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4284311920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 105, 112) }
```

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

```
.background{ background-color: rgb(93, 105,  
112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor