

Converting Colors

Android(4280114794)

Have a look what the booklet for
Android(4280114794) contains.

Android(4280114794)	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(4280114794)

Conversions

Conversions Part 1

Format	Color
Hex	1D5E6A
RGB	29, 94, 106
RGB Percent	11%, 37%, 42%
CMY	0.8863, 0.6314, 0.5843
CMYK	0.73, 0.11, 0.00, 0.58
HSL	189°, 57%, 26%
HSV	189°, 73%, 42%
XYZ	7.1109, 9.3072, 15.0574
YIQ	75.9330, -42.5920, -10.0480

Conversions

Conversions Part 2

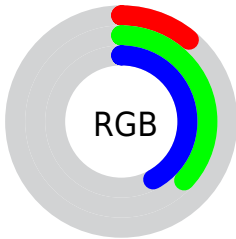
Format	Color
R _Y B	29, 64, 106
Decimal	1924714
CIE Lab	36.57, -15.91, -12.79
CIE LCh	37, 20.410, 218.798
Yxy	9.3072, 0.2259, 0.2957
Android (android.graphics.Color)	4280114794 (0xFF1D5E6A)
YUV	75.9330, 14.8230, -41.1602
Hunter-Lab	30.5077, -11.7828, -7.9077

Details

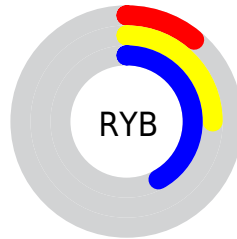
The Android color `4280114794` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285147421`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4283797917`, and `4278202427` is the 20% darker color. If you saturate the color by 10%, you get `4279393386`, and if you desaturate by 10%, it is `4280836202`.

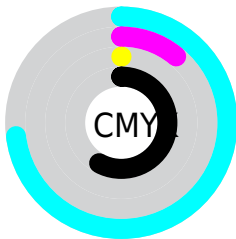
Distribution



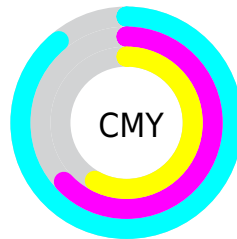
- Red (11%)
- Green (37%)
- Blue (42%)



- Red (11%)
- Yellow (25%)
- Blue (42%)



- Cyan (73%)
- Magenta (11%)
- Yellow (0%)
- Black (58%)



- Cyan (89%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280114794 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 4280114794 by changing the saturation by 10% instead.



4280114794



4280114794

4294967295



4278208082



4283797917



4278202427



4285574072



4278197285



4287350740



4278190352



4289127408



4278190080



4290969599



4292870143



4294770687



4280114794



4280114794

■ 4279393386

■ 4280836202

■ 4278737770

■ 4281491818

■ 4278212970

■ 4282213226

■ 4282869098

■ 4283590250

■ 4284311658

■ 4284967530

■ 4285688682

■ 4286344554

Harmonies

Analogous

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



4280573786



4280114794



4281228148

Triad

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



4280114794



4285483874



4284241717

Complementary

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



4280114794



4285147421

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.



4285223224



4280114794



4285942354

Square

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



4280114794



4284371056



4285877314



4283128636

Rectangle

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



4280114794



4282341495



4285877314



4284634421

Sweetspot

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



4280114794



4285236618



4280117801



4281549381



4291085508



4282729797

Same Dimension

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



4280114794



4279400330



4280105066



4281349430



4278215541



4278243317

Inverse Universe

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



4285144414



4287238775



4285157149



4281741365



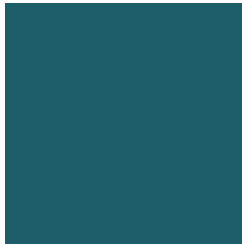
4285857891



4294246607

Previews

White Background



This preview shows how the Android color 4280114794 looks on a white background.

Color Contrast Check

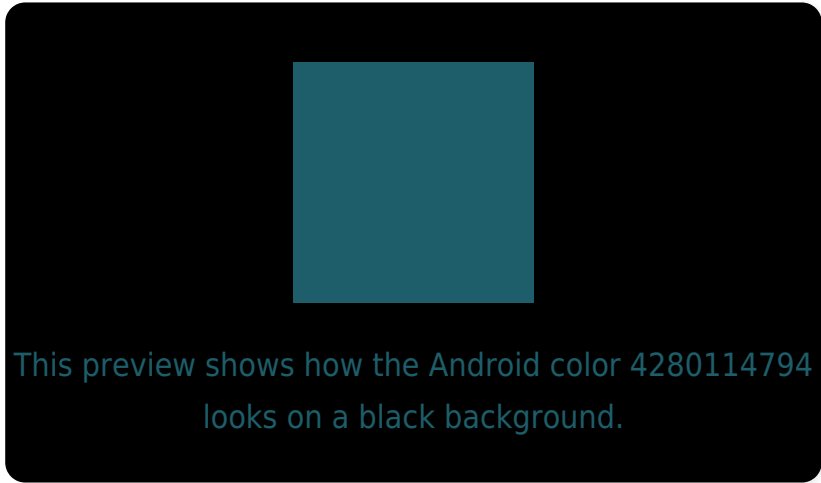
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4280114794 Background



This preview shows how black text looks on a background with the Android color 4280114794.



This preview shows how white text looks on a background with the Android color 4280114794.

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

4280114794

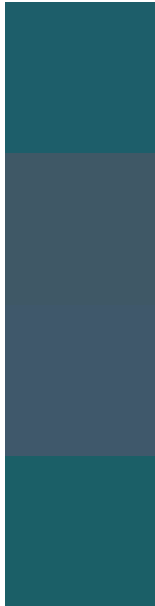
Protanopia

4283651428

Deuteranopia

4283585644

Trichromacy



Original Color

4280114794

Protanomaly

4282341478

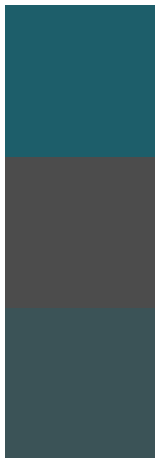
Deuteranomaly

4282341483

Tritanomaly

4279983975

Monochromacy



Original Color

4280114794

Achromatopsia

4283190348

Achromatomaly

4282078039

CSS Examples

Text

The CSS property to change the color of the text to Android 4280114794 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(29, 94, 106)` looks like.

```
.text, #text, p{  
    color:rgb(29, 94, 106)  
}
```

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(29, 94, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 94, 106) }
```

Border

The CSS property to change the border of an element to Android 4280114794 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(29, 94, 106) }
```

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

```
.border{ border-color:rgb(29, 94, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 94, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 94, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 94, 106);  
box-shadow:4px 4px 4px 4px rgb(29, 94,  
106) }
```

Background

The CSS property to change the background color of an element to Android 4280114794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 94, 106) }
```

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

```
.background{ background-color: rgb(29, 94,  
106) }
```

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