

Converting Colors

Android(4279116120)

Have a look what the booklet for
Android(4279116120) contains.

Android(4279116120)	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(4279116120)

Conversions

Conversions Part 1

Format	Color
Hex	0E2158
RGB	14, 33, 88
RGB Percent	5%, 13%, 35%
CMY	0.9451, 0.8706, 0.6549
CMYK	0.84, 0.62, 0.00, 0.65
HSL	225°, 73%, 20%
HSV	225°, 84%, 35%
XYZ	2.4864, 1.8857, 9.4654
YIQ	33.5890, -28.9790, 13.0770

Conversions

Conversions Part 2

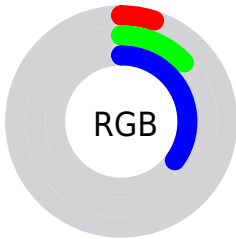
Format	Color
R_{YB}	14, 29, 88
Decimal	926040
CIE _{Lab}	14.88, 15.34, -35.36
CIE _{LCh}	15, 38.550, 293.455
Yxy	1.8857, 0.1797, 0.1363
Android (android.graphics.Color)	4279116120 (0xFF0E2158)
YUV	33.5890, 26.8246, -17.1796
Hunter-Lab	13.7319, 8.2898, -31.2564

Details

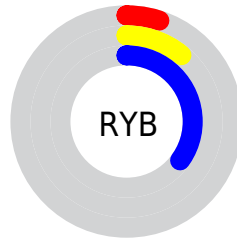
The Android color **4279116120** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4283974926**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4282797451**, and **4278190890** is the 20% darker color. If you saturate the color by 10%, you get **4278524504**, and if you desaturate by 10%, it is **4279707736**.

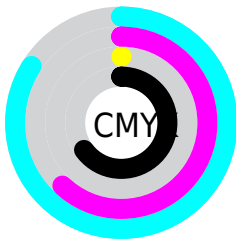
Distribution



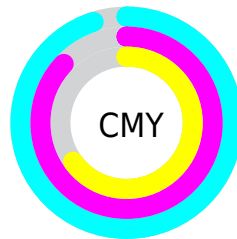
- Red (5%)
- Green (13%)
- Blue (35%)



- Red (5%)
- Yellow (11%)
- Blue (35%)



- Cyan (84%)
- Magenta (62%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279116120 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 4279116120 by changing the saturation by 10% instead.

■ 4279116120

■ 4279116120

4294967295

■ 4278193216

■ 4282797451

■ 4278190890

■ 4284507557

■ 4278190356

■ 4286283201

■ 4278190080

■ 4288059357

■ 4289835769

■ 4291743231

■ 4293585663

■ 4279116120

■ 4279116120

■ 4278524504

■ 4279707736

■ 4278196056

■ 4280299096

■ 4280825176

■ 4281416536

■ 4282008152

■ 4282599512

■ 4283191128

■ 4283716952

■ 4284308568

Harmonies

Analogous

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



4278201180



4279116120



4282323014

Triad

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



4279116120



4282914048



4278202398

Complementary

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



4279116120



4283974926

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.



4278201856



4279116120



4281672192

Square

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



4279116120



4283564561



4279970304



4278202682

Rectangle

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



4279116120



4283236918



4279970304



4278202389

Sweetspot

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



4279116120



4283850099



4279130180



4280888891



4290427578



4282071867

Same Dimension

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



4279116120



4278197619



4280225368



4280756267



4278197099



4278205675

Inverse Universe

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



4283960865



4285726749



4282865678



4281018152



4285202459



4293591100

Previews

White Background



This preview shows how the Android color 4279116120 looks on a white background.

Color Contrast Check

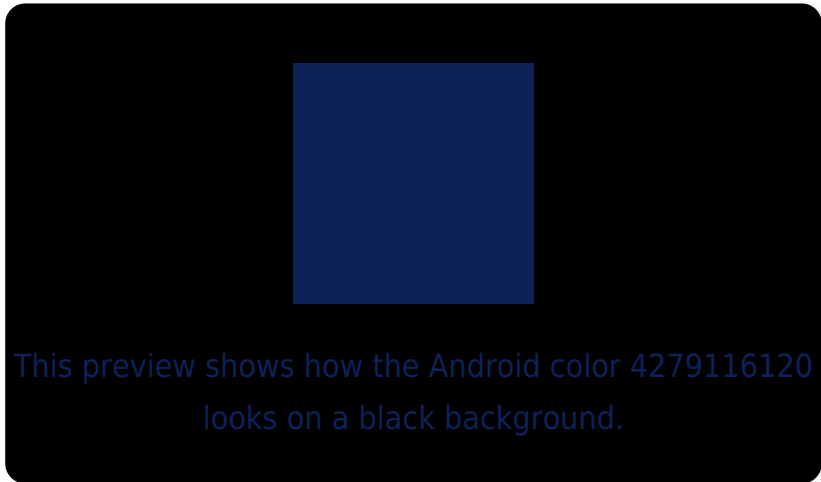
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279116120 Background



This preview shows how black text looks on a background with the Android color 4279116120.



This preview shows how white text looks on a background with the Android color 4279116120.

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

4279116120

Protanopia

4278199630

Deuteranopia

4278200130

Trichromacy



Original Color

4279116120

Protanomaly

4278527058

Deuteranomaly

4278527306

Tritanomaly

4278527805

Monochromacy



Original Color

4279116120

Achromatopsia

4280427042

Achromatomaly

4279968310

CSS Examples

Text

The CSS property to change the color of the text to Android 4279116120 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(14, 33, 88)` looks like.

```
.text, #text, p{  
    color:rgb(14, 33, 88)  
}
```

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(14, 33, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 33, 88) }
```

Border

The CSS property to change the border of an element to Android 4279116120 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(14, 33, 88) }
```

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

```
.border{ border-color:rgb(14, 33, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 33, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 33, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 33, 88);  
box-shadow:4px 4px 4px 4px rgb(14, 33, 88)  
}
```

Background

The CSS property to change the background color of an element to Android 4279116120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 33, 88) }
```

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

```
.background{ background-color: rgb(14, 33,  
88) }
```

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