Converting Colors

Android(4279196294)

Have a look what the booklet for Android(4279196294) contains.

Color

Android(4279196294)

Conversions

Format	Color
Hex	0F5A86
RGB	15, 90, 134
RGB Percent	6%, 35%, 53%
CMY	0.9412, 0.6471, 0.4745
CMYK	0.89, 0.33, 0.00, 0.47
HSL	202°, 80%, 29%
HSV	202°, 89%, 53%
XYZ	8.1562, 9.1351, 23.8876
YIQ	72.5910, -58.8240, -2.2160

Conversions Part 1

Conversions

Conversions Part 2

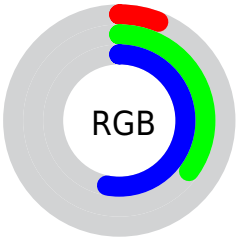
Format	Color
RYB	15, 61, 134
Decimal	1006214
CIELab	36.24, -4.65, -30.55
CIELCh	36, 30.901, 261.353
Yxy	9.1351, 0.1981, 0.2218
Android (android.graphics.Color)	4279196294 (0xFF0F5A86)
YUV	72.5910, 30.2746, -50.5073
Hunter-Lab	30.2244, -4.7232, -25.7024

Details

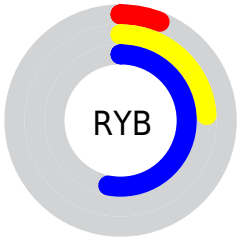
The Android color 4279196294 is a dark color, and the websafe version is hex 006699. A complement of this color would be 4286987023, and the grayscale version is 4282927176.

A 20% lighter version of the original color is 4283665595, and 4278201684 is the 20% darker color. If you saturate the color by 10%, you get 4278343046, and if you desaturate by 10%, it is 4280049542.

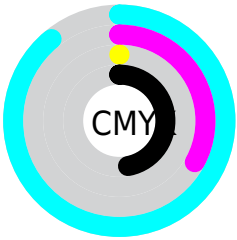
Distribution



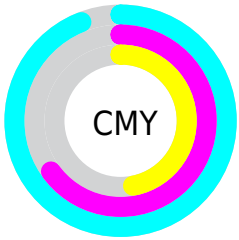
- Red (6%)
- Green (35%)
- Blue (53%)



- Red (6%)
- Yellow (24%)
- Blue (53%)



- Cyan (89%)
- Magenta (33%)
- Yellow (0%)
- Black (47%)



- Cyan (94%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279196294 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 4279196294 by changing the saturation by 10% instead.

4279196294	4279196294
4294967295	4278207341
4283665595	4278201684
4285507287	4278196541
4287349236	4278190886
4289256959	4278190352
4291099391	4278190080
4293066751	

4279196294	4279196294
4278343046	4280049542

4278211718

4280968326

4281821574

4282740358

4283593606

4284446854

4285365638

4286218886

4287137670

Harmonies

Analogous

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

4278214523

4279196294

4283191939

Triad

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

4279196294

4286857541

4281687861

Complementary

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

4279196294

4286987023

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.

4283586853

4279196294

4286335023

Square

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

4279196294

4286529886

4285157667

4278214989

Rectangle

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

4279196294

4284697467

4285157667

4282408239

Sweetspot

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

4279196294

4286553261

4279207483

4282076247

4292269782

4283914071

Same Dimension

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

4279196294

4278218157

4279181190

4282138690

4278211202

4278190595

Inverse Universe

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

4286975834

4289527917

4287002127

4282530880

4286709842

4278386690

Previews

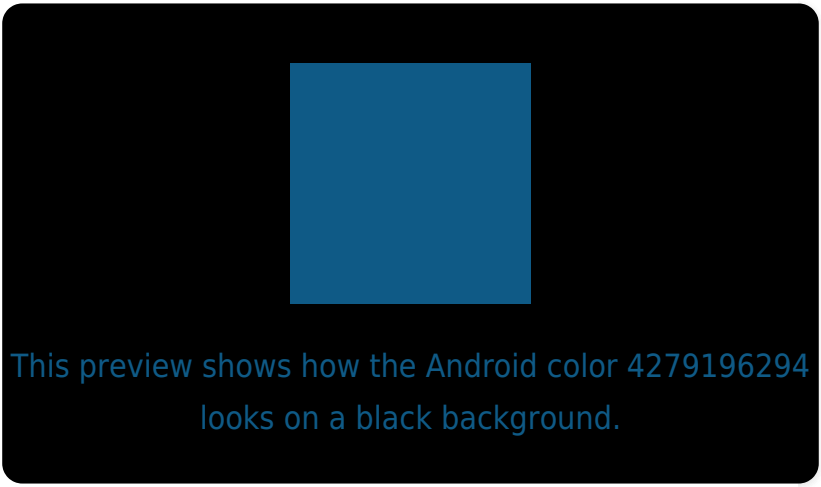
White Background

This preview shows how the Android color 4279196294 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

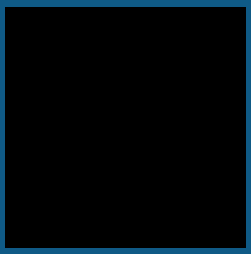


Color Contrast Check

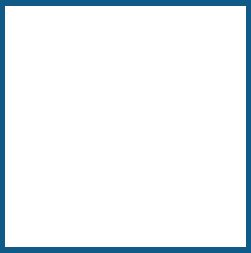
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4279196294 Background



This preview shows how black text looks on a background with the Android color 4279196294.



This preview shows how white text looks on a background with the Android color 4279196294.

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
4279196294

Protanopia
4282733696

Deuteranopia
4281947527

Trichromacy

Original Color
4279196294

Protanomaly
4281423490

Deuteranomaly
4280964999

Monochromacy

Original Color
4279196294

Achromatopsia
4282992969

Achromatomaly
4281618271

CSS Examples

Text

The CSS property to change the color of the text to Android 4279196294 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(15, 90, 134) looks like.

```
.text, #text, p{
    color:rgb(15, 90, 134)
}
```

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(15, 90, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 90, 134) }
```

Border

The CSS property to change the border of an element to Android 4279196294 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(15, 90, 134) }
```

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

```
.border{ border-color:rgb(15, 90, 134) }
```

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

Here you see how a box with a 4 pixel rgb(15, 90, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(15, 90, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(15, 90, 134); box-shadow:4px 4px 4px 4px rgb(15, 90, 134) }
```

Background

The CSS property to change the background color of an element to Android 4279196294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(15, 90, 134) }
```

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

```
.background{ background-color:rgb(15, 90,
134) }
```

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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