

Converting Colors

Android(4279727516)

Have a look what the booklet for
Android(4279727516) contains.

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Color

Android(4279727516)

Conversions

Conversions Part 1

Format	Color
Hex	17759C
RGB	23, 117, 156
RGB Percent	9%, 46%, 61%
CMY	0.9098, 0.5412, 0.3882
CMYK	0.85, 0.25, 0.00, 0.39
HSL	198°, 74%, 35%
HSV	198°, 85%, 61%
XYZ	12.7154, 15.3050, 33.7365
YIQ	93.3400, -68.5430, -7.7990

Conversions

Conversions Part 2

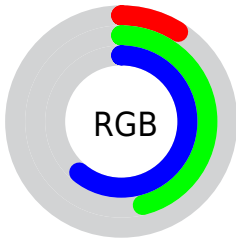
Format	Color
R_{YB}	23, 78, 156
Decimal	1537436
CIE _{Lab}	46.05, -11.73, -28.35
CIE _{LCh}	46, 30.685, 247.521
Yxy	15.3050, 0.2059, 0.2478
Android (android.graphics.Color)	4279727516 (0xFF17759C)
YUV	93.3400, 30.8914, -61.6882
Hunter-Lab	39.1217, -10.4465, -23.7435

Details

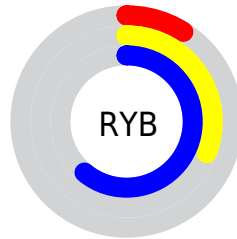
The Android color `4279727516` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288429591`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4284328403`, and `4278207849` is the 20% darker color. If you saturate the color by 10%, you get `4278677660`, and if you desaturate by 10%, it is `4280777372`.

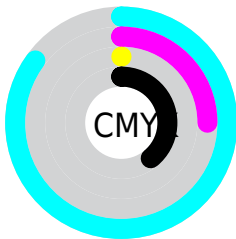
Distribution



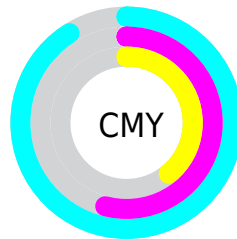
- Red (9%)
- Green (46%)
- Blue (61%)



- Red (9%)
- Yellow (31%)
- Blue (61%)



- Cyan (85%)
- Magenta (25%)
- Yellow (0%)
- Black (39%)



- Cyan (91%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279727516 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 4279727516 by changing the saturation by 10% instead.

 4279727516

 4279727516

4294967295

 4278213762

 4284328403

 4278207849

 4286235887

 4278202192

 4288143615

 4278197049

 4290051583

 4278190627

 4291952639

 4278190090

 4293918719

 4278190080

 4279727516

 4279727516

 4278677660

 4280777372

■ 4278218396

■ 4281761436

■ 4282811292

■ 4283795356

■ 4284845212

■ 4285894812

■ 4286879132

■ 4287928988

■ 4288913052

Harmonies

Analogous

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



4278221196



4279727516



4283526560

Triad

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



4279727516



4288567399



4284183875

Complementary

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



4279727516



4288429591

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.



4286017081



4279727516



4288437327

Square

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



4279727516



4287782017



4287456574



4282022233

Rectangle

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



4279727516



4285294491



4287456574



4284838718

Sweetspot

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



4279727516



4288134348



4279737405



4282801510



4293322470



4284900966

Same Dimension

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



4279727516



4278227148



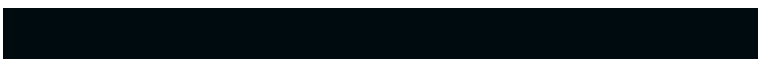
4279710876



4282862927



4278216079



4278192911

Inverse Universe

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



4288419701



4291559568



4288446231



4283385677



4287561829



4279173131

Previews

White Background



This preview shows how the Android color 4279727516 looks on a white background.

Color Contrast Check

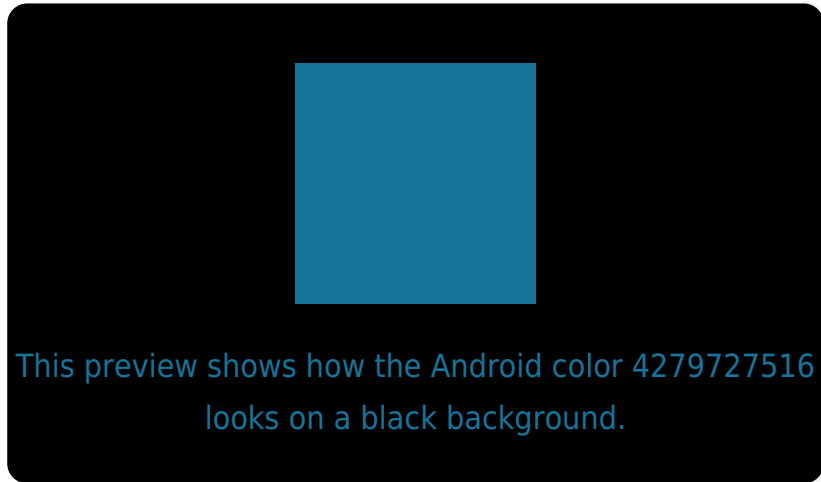
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279727516 Background



This preview shows how black text looks on a background with the Android color 4279727516.

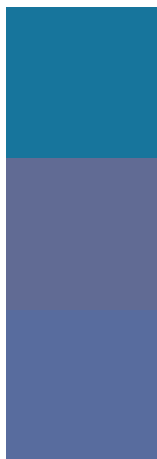


This preview shows how white text looks on a background with the Android color 4279727516.

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
4279727516

Protanopia
4284574612

Deuteranopia
4283985054

Trichromacy



Original Color
4279727516

Protanomaly
4282806167

Deuteranomaly
4282412957

Tritanomaly
4278745227

Monochromacy



Original Color
4279727516

Achromatopsia
4284308829

Achromatomaly
4282672756

CSS Examples

Text

The CSS property to change the color of the text to Android 4279727516 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(23, 117, 156)` looks like.

```
.text, #text, p{  
    color:rgb(23, 117, 156)  
}
```

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(23, 117, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 117, 156) }
```

Border

The CSS property to change the border of an element to Android 4279727516 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(23, 117, 156) }
```

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

```
.border{ border-color:rgb(23, 117, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 117, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 117, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 117, 156);  
box-shadow:4px 4px 4px 4px rgb(23, 117,  
156) }
```

Background

The CSS property to change the background color of an element to Android 4279727516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 117, 156) }
```

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

```
.background{ background-color: rgb(23, 117,  
156) }
```

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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