

Converting Colors

Android(4282479516)

Have a look what the booklet for
Android(4282479516) contains.

Android(4282479516)	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(4282479516)

Conversions

Conversions Part 1

Format	Color
Hex	41739C
RGB	65, 115, 156
RGB Percent	25%, 45%, 61%
CMY	0.7451, 0.5490, 0.3882
CMYK	0.58, 0.26, 0.00, 0.39
HSL	207°, 41%, 43%
HSV	207°, 58%, 61%
XYZ	14.3115, 15.7856, 33.7451
YIQ	104.7240, -42.9610, 2.1510

Conversions

Conversions Part 2

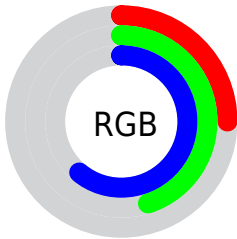
Format	Color
R_{YB}	65, 97, 156
Decimal	4289436
CIE _{Lab}	46.69, -4.22, -27.26
CIE _{LCh}	47, 27.582, 261.196
Yxy	15.7856, 0.2242, 0.2473
Android (android.graphics.Color)	4282479516 (0xFF41739C)
YUV	104.7240, 25.2791, -34.8379
Hunter-Lab	39.7311, -5.2322, -22.5455

Details

The Android color `4282479516` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288440897`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4286097363`, and `4278207337` is the 20% darker color. If you saturate the color by 10%, you get `4281429148`, and if you desaturate by 10%, it is `4283529884`.

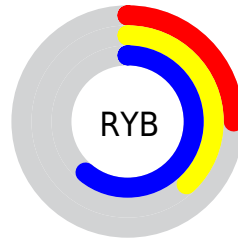
Distribution



Red (25%)

Green (45%)

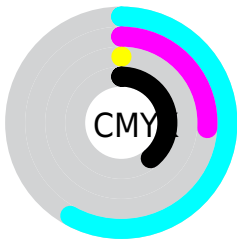
Blue (61%)



Red (25%)

Yellow (38%)

Blue (61%)

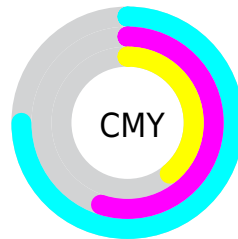


Cyan (58%)

Magenta (26%)

Yellow (0%)

Black (39%)



Cyan (75%)

Magenta (55%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282479516 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 4282479516 by changing the saturation by 10% instead.

■ 4282479516

■ 4282479516

4294967295

■ 4280507266

■ 4286097363

■ 4278207337

■ 4287873775

■ 4278201680

■ 4289715967

■ 4278196537

■ 4291623679

■ 4278190627

■ 4293525503

■ 4278190090

■ 4278190080

■ 4282479516

■ 4282479516

■ 4281429148

■ 4283529884

■ 4280444316

■ 4284514716

■ 4279393948

■ 4285565084

■ 4278409116

■ 4286549916

■ 4278212252

■ 4287600284

■ 4288650652

■ 4289635484

■ 4290685852

■ 4291670684

Harmonies

Analogous

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



4279728274



4282479516



4284967834

Triad

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



4282479516



4288437599



4283660369

Complementary

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



4282479516



4288440897

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.



4285362755



4282479516



4287980363

Square

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



4282479516



4288109942



4286868289



4281629543

Rectangle

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



4282479516



4286342546



4286868289



4284249675

Sweetspot

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



4282479516



4289182668



4282489962



4283456614



4293322470



4284900966

Same Dimension

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



4282479516



4282223820



4282467996



4282862415



4278210191



4278192143

Inverse Universe

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



4288430451



4291575180



4288452417



4283385675



4287561806



4279173128

Previews

White Background



This preview shows how the Android color 4282479516 looks on a white background.

Color Contrast Check

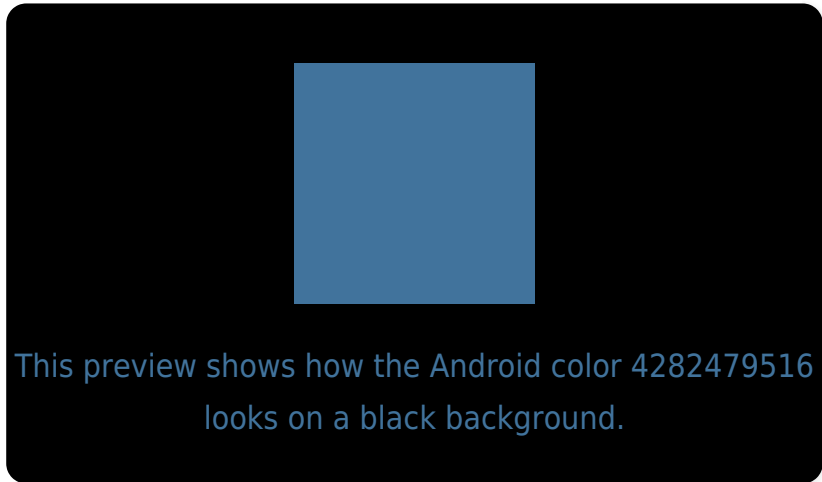
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282479516 Background



This preview shows how black text looks on a background with the Android color 4282479516.

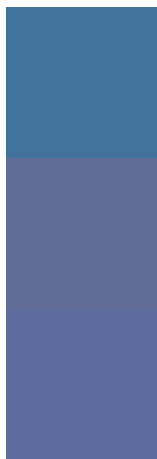


This preview shows how white text looks on a background with the Android color 4282479516.

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
4282479516

Protanopia
4284640663

Deuteranopia
4284247453

Trichromacy



Original Color
4282479516

Protanomaly
4283854745

Deuteranomaly
4283592605

Tritanomaly
4282021515

Monochromacy



Original Color
4282479516

Achromatopsia
4285098345

Achromatomaly
4284116348

CSS Examples

Text

The CSS property to change the color of the text to Android 4282479516 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(65, 115, 156)` looks like.

```
.text, #text, p{  
    color:rgb(65, 115, 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(65, 115, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 115, 156) }
```

Border

The CSS property to change the border of an element to Android 4282479516 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(65, 115, 156) }
```

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

```
.border{ border-color:rgb(65, 115, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 115, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 115, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 115, 156);  
box-shadow:4px 4px 4px 4px rgb(65, 115,  
156) }
```

Background

The CSS property to change the background color of an element to Android 4282479516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 115, 156) }
```

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

```
.background{ background-color: rgb(65, 115,  
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](#).

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