

Converting Colors

Android(4281557629)

Have a look what the booklet for
Android(4281557629) contains.

Android(4281557629)	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(4281557629)

Conversions

Conversions Part 1

Format	Color
Hex	33627D
RGB	51, 98, 125
RGB Percent	20%, 38%, 49%
CMY	0.8000, 0.6157, 0.5098
CMYK	0.59, 0.22, 0.00, 0.51
HSL	202°, 42%, 35%
HSV	202°, 59%, 49%
XYZ	9.4346, 10.9198, 21.0125
YIQ	87.0250, -36.6790, -1.5670

Conversions

Conversions Part 2

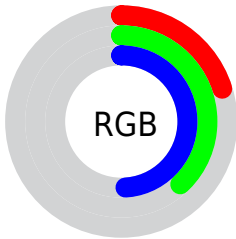
Format	Color
R_{YB}	51, 80, 125
Decimal	3367549
CIE _{Lab}	39.45, -7.48, -19.98
CIE _{LCh}	39, 21.336, 249.476
Yxy	10.9198, 0.2281, 0.2640
Android (android.graphics.Color)	4281557629 (0xFF33627D)
YUV	87.0250, 18.7217, -31.5939
Hunter-Lab	33.0452, -6.8663, -14.5692




Details

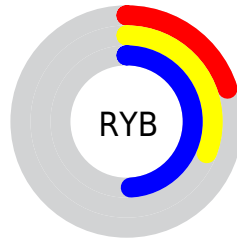
The Android color `4281557629` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286402099`, and the grayscale version is `4283914071`.




A 20% lighter version of the original color is `4285044146`, and `4278203468` is the 20% darker color. If you saturate the color by 10%, you get `4280769917`, and if you desaturate by 10%, it is `4282410877`.

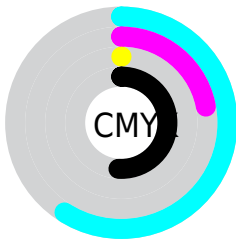
Distribution







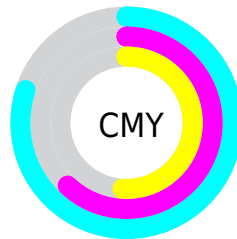
-  Red (20%)
-  Green (38%)
-  Blue (49%)






-  Red (20%)
-  Yellow (31%)
-  Blue (49%)



-  Cyan (59%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (80%)
-  Magenta (62%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281557629 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 4281557629 by changing the saturation by 10% instead.



4281557629



4281557629

4294967295



4279650916



4285044146



4278203468



4286820301



4278198069



4288596969



4278190624



4290439167



4278190084



4292280319



4278190080



4294180863



4281557629



4281557629



4280769917



4282410877

■ 4279916925

■ 4283198333

■ 4279129213

■ 4284051581

■ 4278276221

■ 4284839037

■ 4278210429

■ 4285692285

■ 4286479741

■ 4287332989

■ 4288120445

■ 4288973693

Harmonies

Analogous

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



4280378738



4281557629



4283325823

Triad

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



4281557629



4286533720



4283458114

Complementary

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



4281557629



4286402099

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.



4284702266



4281557629



4286403144

Square

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



4281557629



4286009705



4285749309



4282148176

Rectangle

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



4281557629



4284438907



4285749309



4283916606

Sweetspot

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



4281557629



4287010979



4281564493



4282403666



4291940817



4283585106

Same Dimension

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



4281557629



4281301411



4281548413



4281941312



4278210944



4278190080

Inverse Universe

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



4286395234



4288884601



4286411315



4282399037



4286578769



4278190080

Previews

White Background



This preview shows how the Android color 4281557629 looks on a white background.

Color Contrast Check

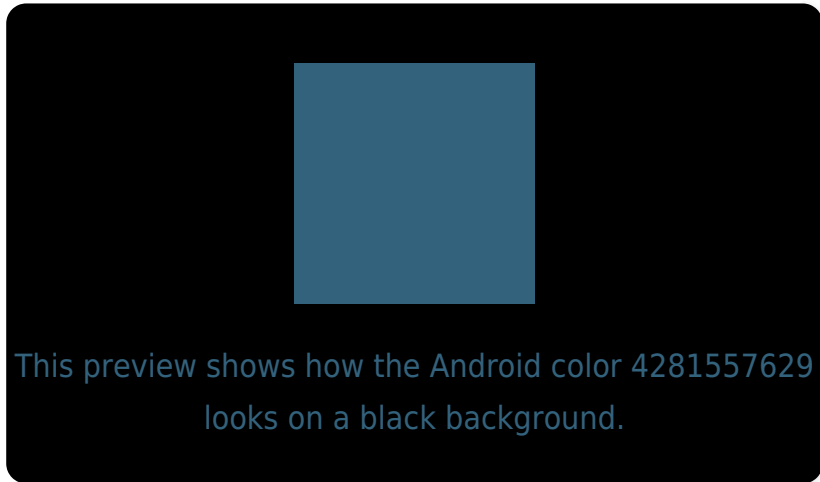
Large Text (above 18pt) WCAG AA ✓ Pass

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

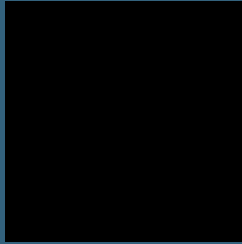
Any Text WCAG AA × Fail

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 4281557629 Background



This preview shows how black text looks on a background with the Android color 4281557629.

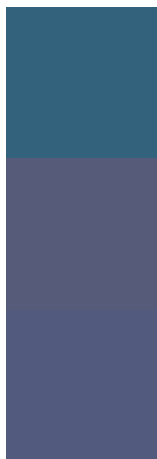


This preview shows how white text looks on a background with the Android color 4281557629.

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

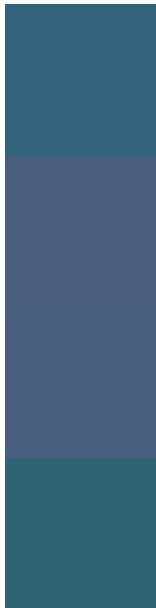


Original Color
4281557629

Protanopia
4283784056

Deuteranopia
4283587454

Trichromacy



Original Color
4281557629

Protanomaly
4282998394

Deuteranomaly
4282867326

Tritanomaly
4281295987

Monochromacy



Original Color
4281557629

Achromatopsia
4283914071

Achromatomaly
4283063141

CSS Examples

Text

The CSS property to change the color of the text to Android 4281557629 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(51, 98, 125)` looks like.

```
.text, #text, p{  
    color:rgb(51, 98, 125)  
}
```

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(51, 98, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 98, 125) }
```

Border

The CSS property to change the border of an element to Android 4281557629 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(51, 98, 125) }
```

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

```
.border{ border-color:rgb(51, 98, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 98, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 98, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 98, 125);  
box-shadow:4px 4px 4px 4px rgb(51, 98,  
125) }
```

Background

The CSS property to change the background color of an element to Android 4281557629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 98, 125) }
```

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

```
.background{ background-color: rgb(51, 98,  
125) }
```

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