

Converting Colors

Android(4282021027)

Have a look what the booklet for
Android(4282021027) contains.

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Color

Android(4282021027)

Conversions

Conversions Part 1

Format	Color
Hex	3A74A3
RGB	58, 116, 163
RGB Percent	23%, 45%, 64%
CMY	0.7725, 0.5451, 0.3608
CMYK	0.64, 0.29, 0.00, 0.36
HSL	207°, 48%, 43%
HSV	207°, 64%, 64%
XYZ	14.6012, 16.0347, 36.9758
YIQ	104.0160, -49.6550, 2.3210

Conversions

Conversions Part 2

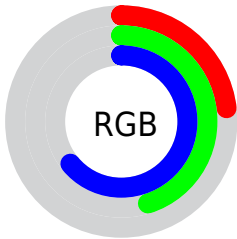
Format	Color
R_{YB}	58, 95, 163
Decimal	3830947
CIE _{Lab}	47.02, -3.85, -30.88
CIE _{LCh}	47, 31.119, 262.889
Yxy	16.0347, 0.2160, 0.2372
Android (android.graphics.Color)	4282021027 (0xFF3A74A3)
YUV	104.0160, 29.0791, -40.3560
Hunter-Lab	40.0433, -4.9885, -26.7177

Details

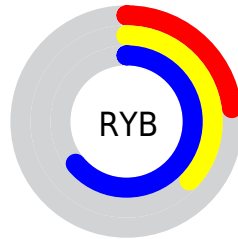
The Android color `4282021027` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288899386`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4285769946`, and `4278207599` is the 20% darker color. If you saturate the color by 10%, you get `4280970659`, and if you desaturate by 10%, it is `4283071395`.

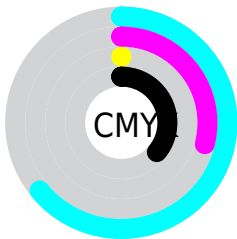
Distribution



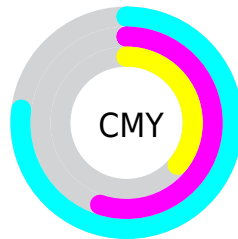
- Red (23%)
- Green (45%)
- Blue (64%)



- Red (23%)
- Yellow (37%)
- Blue (64%)



- Cyan (64%)
- Magenta (29%)
- Yellow (0%)
- Black (36%)



- Cyan (77%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282021027 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 4282021027 by changing the saturation by 10% instead.



4282021027



4282021027

4294967295



4279721097



4285769946



4278207599



4287611895



4278201942



4289519615



4278196799



4291361791



4278190889



4293263359



4278190355



4278190080



4282021027



4282021027



4280970659



4283071395

■ 4279854499

■ 4284187555

■ 4278804131

■ 4285237923

■ 4278213283

■ 4286288291

■ 4287338659

■ 4288454819

■ 4289505187

■ 4290555555

■ 4291671715

Harmonies

Analogous

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



4278221464



4282021027



4285098912

Triad

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



4282021027



4288830557



4283267663

Complementary

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



4282021027



4288899386

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.



4285297726



4282021027



4288242503

Square

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



4282021027



4288502647



4286999611



4280712552

Rectangle

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



4282021027



4286669974



4286999611



4283988040

Sweetspot

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



4282021027



4289446612



4282033000



4283588715



4293651435



4285229931

Same Dimension

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



4282021027



4281437140



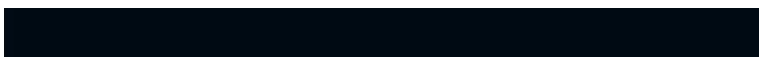
4282007971



4282994258



4278210705



4278192658

Inverse Universe

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



4288887412



4292096395



4288912442



4283582798



4287692880



4279369738

Previews

White Background



This preview shows how the Android color 4282021027 looks on a white background.

Color Contrast Check

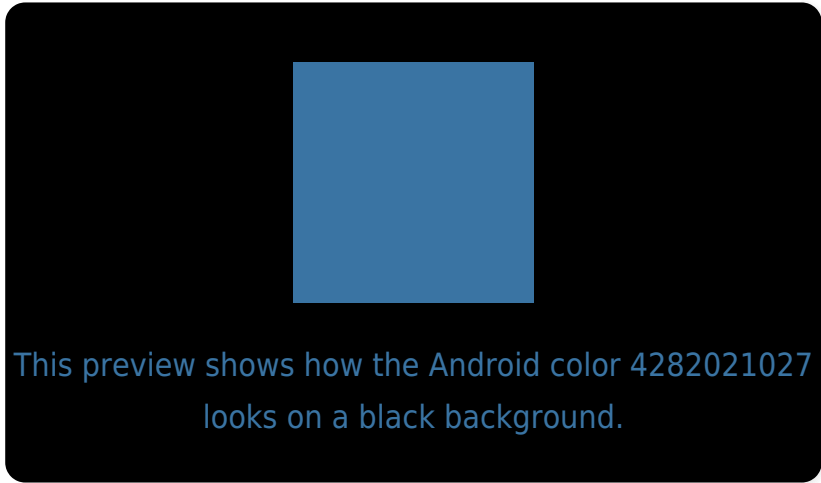
Large Text (above 18pt) WCAG AA ✓ Pass

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

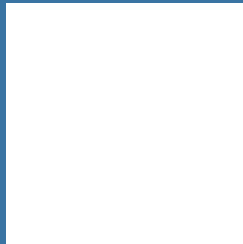
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282021027 Background



This preview shows how black text looks on a background with the Android color 4282021027.

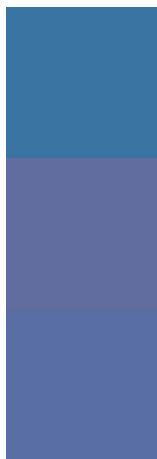


This preview shows how white text looks on a background with the Android color 4282021027.

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
4282021027

Protanopia
4284509598

Deuteranopia
4283985572

Trichromacy



Original Color
4282021027

Protanomaly
4283592864

Deuteranomaly
4283265188

Tritanomaly
4281301135

Monochromacy



Original Color
4282021027

Achromatopsia
4285032552

Achromatomaly
4283919485

CSS Examples

Text

The CSS property to change the color of the text to Android 4282021027 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(58, 116, 163)` looks like.

```
.text, #text, p{  
    color:rgb(58, 116, 163)  
}
```

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(58, 116, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 116, 163) }
```

Border

The CSS property to change the border of an element to Android 4282021027 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(58, 116, 163) }
```

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

```
.border{ border-color:rgb(58, 116, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 116, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 116, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 116, 163);  
box-shadow:4px 4px 4px 4px rgb(58, 116,  
163) }
```

Background

The CSS property to change the background color of an element to Android 4282021027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 116, 163) }
```

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

```
.background{ background-color: rgb(58, 116,  
163) }
```

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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