

# Converting Colors

Android(4281290619)

Have a look what the booklet for  
Android(4281290619) contains.

<b>Android(4281290619)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4281290619)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F4F7B
RGB	47, 79, 123
RGB Percent	18%, 31%, 48%
CMY	0.8157, 0.6902, 0.5176
CMYK	0.62, 0.36, 0.00, 0.52
HSL	215°, 45%, 33%
HSV	215°, 62%, 48%
XYZ	7.5434, 7.6264, 19.8133
YIQ	74.4480, -33.1960, 6.9000

# Conversions

## Conversions Part 2

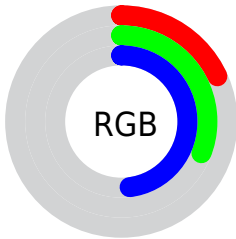
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 70, 123
Decimal	3100539
CIE Lab	33.19, 2.84, -28.52
CIE LCh	33, 28.661, 275.679
Yxy	7.6264, 0.2156, 0.2180
Android (android.graphics.Color)	4281290619 (0xFF2F4F7B)
YUV	74.4480, 23.9361, -24.0719
Hunter-Lab	27.6159, 0.4305, -23.2072

# Details

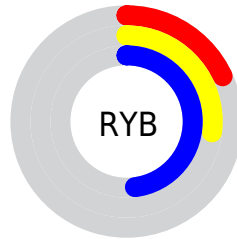
The Android color `4281290619` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4286274351`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4284776624`, and `4278199114` is the 20% darker color. If you saturate the color by 10%, you get `4280502395`, and if you desaturate by 10%, it is `4282078843`.

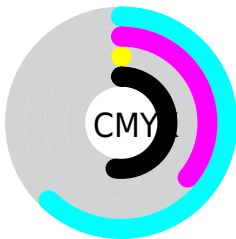
# Distribution



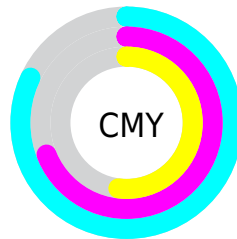
- Red (18%)
- Green (31%)
- Blue (48%)



- Red (18%)
- Yellow (27%)
- Blue (48%)



- Cyan (62%)
- Magenta (36%)
- Yellow (0%)
- Black (52%)



- Cyan (82%)
- Magenta (69%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281290619 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 4281290619 by changing the saturation by 10% instead.





4281290619



4281290619

4294967295



4279253090



4284776624



4278199114



4286487243



4278193459



4288328936



4278190621



4290105599



4278190080



4292013311



4293918719



4281290619



4281290619



4280502395



4282078843

■ 4279648635

■ 4282932603

■ 4278860411

■ 4283720827

■ 4278203515

■ 4284509051

■ 4285363067

■ 4286151291

■ 4286939515

■ 4287727739

■ 4288581499

# Harmonies

## Analogous

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



4278211959



4281290619



4283844211

# Triad

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



4281290619



4285939253



4280309819

# Complementary

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



4281290619



4286274351

# 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.



4282405928



4281290619



4285154853

# Square

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



4281290619



4286069579



4283911711



4278213202

# Rectangle

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



4281290619



4284957032



4283911711



4281095988



# Sweetspot

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



4281290619



4286746529



4281301850



4282337106



4291940817



4283585106



# Same Dimension

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



4281290619



4280966305



4281610107



4281809469



4278203773



4278217468



# Inverse Universe

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



4286263119



4288752220



4285954863



4282201914



4286382133



4294705258



# Previews

## White Background



This preview shows how the Android color 4281290619 looks on a white background.

## Color Contrast Check

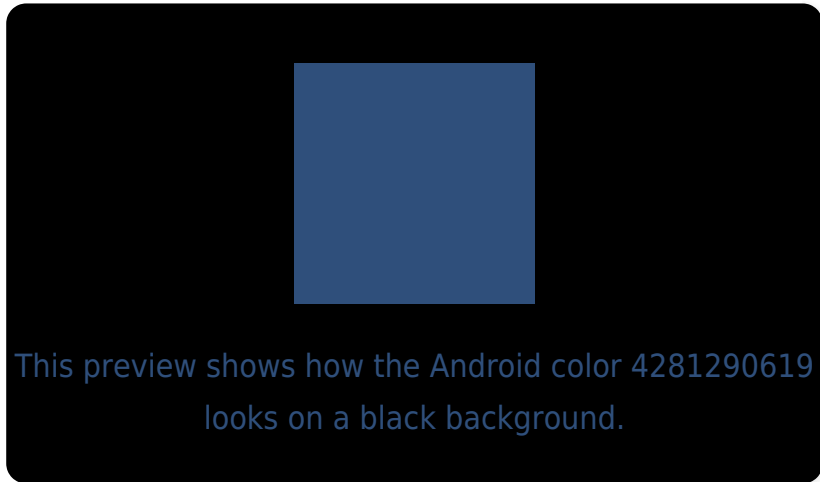
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281290619 Background



This preview shows how black text looks on a background with the Android color 4281290619.



This preview shows how white text looks on a background with the Android color 4281290619.

# 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**

4281290619

**Protanopia**

4282272889

**Deuteranopia**

4281683579



# Trichromacy



**Original Color**  
4281290619

**Protanomaly**  
4281945466

**Deuteranomaly**  
4281552507

**Tritanomaly**  
4280636263

# Monochromacy



**Original Color**  
4281290619

**Achromatopsia**  
4283058762

**Achromatomaly**  
4282403932

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281290619 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(47, 79, 123)` looks like.

```
.text, #text, p{  
    color:rgb(47, 79, 123)  
}
```

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(47, 79, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 79, 123) }
```

## Border

The CSS property to change the border of an element to Android 4281290619 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(47, 79, 123) }
```

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

```
.border{ border-color:rgb(47, 79, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 79, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 79, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 79, 123);  
box-shadow:4px 4px 4px 4px rgb(47, 79,  
123) }
```

# Background

The CSS property to change the background color of an element to Android 4281290619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 79, 123) }
```

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

```
.background{ background-color: rgb(47, 79,  
123) }
```

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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