

# Converting Colors

Android(4280111962)

Have a look what the booklet for  
Android(4280111962) contains.

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# Color

**Android(4280111962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D535A
RGB	29, 83, 90
RGB Percent	11%, 33%, 35%
CMY	0.8863, 0.6745, 0.6471
CMYK	0.68, 0.08, 0.00, 0.65
HSL	187°, 51%, 23%
HSV	187°, 68%, 35%
XYZ	5.4454, 7.1859, 10.7729
YIQ	67.6520, -34.4310, -9.2710

# Conversions

## Conversions Part 2

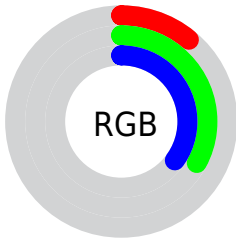
Format	Color
<b>R<sub>YB</sub></b>	29, 58, 90
Decimal	1921882
CIE Lab	32.23, -15.12, -9.35
CIE LCh	32, 17.779, 211.742
Yxy	7.1859, 0.2327, 0.3070
Android (android.graphics.Color)	4280111962 (0xFF1D535A)
YUV	67.6520, 11.0176, -33.8978
Hunter-Lab	26.8065, -10.6514, -5.0626




# Details

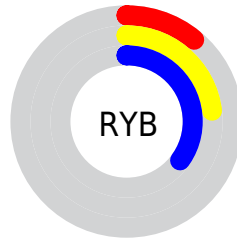
The Android color `4280111962` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284097565`, and the grayscale version is `4282664004`.




A 20% lighter version of the original color is `4283532684`, and `4278199852` is the 20% darker color. If you saturate the color by 10%, you get `4279521882`, and if you desaturate by 10%, it is `4280702042`.

# Distribution







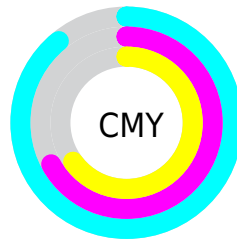
-  Red (11%)
-  Green (33%)
-  Blue (35%)






-  Red (11%)
-  Yellow (23%)
-  Blue (35%)



-  Cyan (68%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (89%)
-  Magenta (67%)
-  Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280111962 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 4280111962 by changing the saturation by 10% instead.





4280111962



4280111962

4294967295



4278205507



4283532684



4278199852



4285243302



4278194200



4287019714



4278190080



4288796381



4290638586



4292476927



4294377471



4280111962



4280111962

■ 4279521882

■ 4280702042

■ 4278931802

■ 4281292122

■ 4278341722

■ 4281882202

■ 4278210650

■ 4282472282

■ 4283062362

■ 4283652442

■ 4284242522

■ 4284832602

■ 4285422682

# Harmonies

## Analogous

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



4280701772



4280111962



4280701284

# Triad

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



4280111962



4284367705



4283779888

# Complementary

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



4280111962



4284097565

# 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.



4284499508



4280111962



4284957003

# Square

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



4280111962



4283385956



4284957502



4282797876

# Rectangle

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



4280111962



4281552487



4284957502



4284041776



# Sweetspot

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



4280111962



4284380021



4280113699



4281153851



4290427578



4282071867



# Same Dimension

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



4280111962



4279659125



4280104282



4280888622



4278215022



4278244077



# Inverse Universe

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



4284095827



4285863530



4284105245



4281215277



4285399137

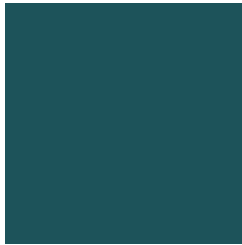


4293722322



# Previews

## White Background



This preview shows how the Android color 4280111962 looks on a white background.

## Color Contrast Check

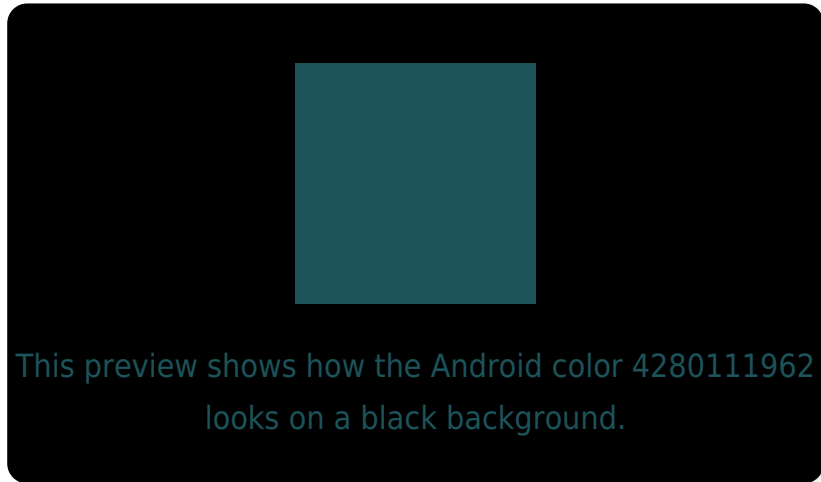
Large Text (above 18pt) WCAG AA ✓ Pass

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

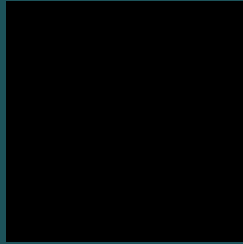
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280111962 Background



This preview shows how black text looks on a background with the Android color 4280111962.



This preview shows how white text looks on a background with the Android color 4280111962.

# 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**

4280111962

**Protanopia**

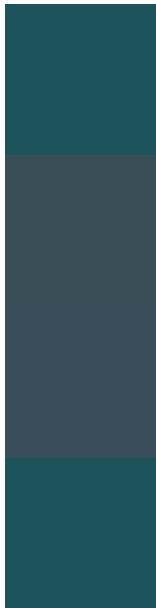
4283059029

**Deuteranopia**

4283124316



# Trichromacy



**Original Color**  
4280111962

**Protanomaly**  
4282011223

**Deuteranomaly**  
4282010971

**Tritanomaly**  
4280111962

# Monochromacy



**Original Color**  
4280111962

**Achromatopsia**  
4282664004

**Achromatomaly**  
4281747788

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280111962 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(29, 83, 90)` looks like.

```
.text, #text, p{  
    color:rgb(29, 83, 90)  
}
```

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(29, 83, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 83, 90) }
```

## Border

The CSS property to change the border of an element to Android 4280111962 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(29, 83, 90) }
```

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

```
.border{ border-color:rgb(29, 83, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 83, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 83, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 83, 90);  
box-shadow:4px 4px 4px 4px rgb(29, 83, 90)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280111962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 83, 90) }
```

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

```
.background{ background-color: rgb(29, 83,  
90) }
```

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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