

# Converting Colors

Android(4280252863)

Have a look what the booklet for  
Android(4280252863) contains.

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# Color

**Android(4280252863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F79BF
RGB	31, 121, 191
RGB Percent	12%, 47%, 75%
CMY	0.8784, 0.5255, 0.2510
CMYK	0.84, 0.37, 0.00, 0.25
HSL	206°, 72%, 44%
HSV	206°, 84%, 75%
XYZ	16.8064, 17.7276, 51.8262
YIQ	102.0700, -76.1100, 2.6900

# Conversions

## Conversions Part 2

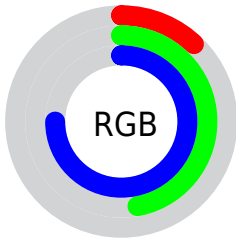
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 89, 191
Decimal	2062783
CIE <sub>Lab</sub>	49.16, -0.24, -43.80
CIE <sub>LCh</sub>	49, 43.805, 269.686
Yxy	17.7276, 0.1946, 0.2053
Android (android.graphics.Color)	4280252863 (0xFF1F79BF)
YUV	102.0700, 43.8425, -62.3284
Hunter-Lab	42.1042, -2.4319, -43.5073

# Details

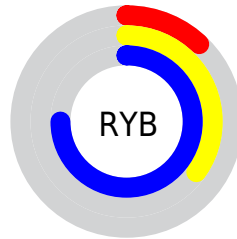
The Android color `4280252863` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4290733343`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4285050360`, and `4278208905` is the 20% darker color. If you saturate the color by 10%, you get `4279005631`, and if you desaturate by 10%, it is `4281500095`.

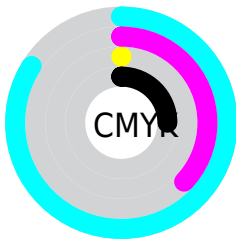
# Distribution



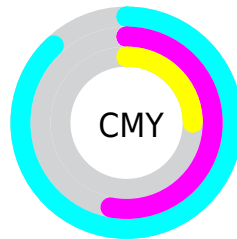
- Red (12%)
- Green (47%)
- Blue (75%)



- Red (12%)
- Yellow (35%)
- Blue (75%)



- Cyan (84%)
- Magenta (37%)
- Yellow (0%)
- Black (25%)



- Cyan (88%)
- Magenta (53%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280252863 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 4280252863 by changing the saturation by 10% instead.





4280252863



4280252863

4294967295



4278214820



4285050360



4278208905



4287023359



4278203247



4288996607



4278198102



4290969599



4278191679



4292935679



4278190888

4294901759



4278190353



4278190080



4280252863



4280252863

■ 4279005631

■ 4281500095

■ 4278217663

■ 4282747583

■ 4283994815

■ 4285242047

■ 4286555071

■ 4287802303

■ 4289049535

■ 4290297023

■ 4291544255

# Harmonies

## Analogous

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



4278223540



4280252863



4285885366

# Triad

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



4280252863



4290205778



4281500750

# Complementary

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



4280252863



4290733343

# 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.



4284775729



4280252863



4289160501

# Square

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



4280252863



4290204791



4287263526



4278224755

# Rectangle

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



4280252863



4288045477



4287263526



4282810947

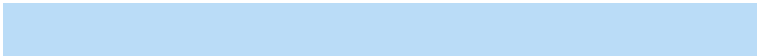


# Sweetspot

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



4280252863



4290436343



4280270692



4283919741



4294769916



4286414205



# Same Dimension

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



4280252863



4278225911



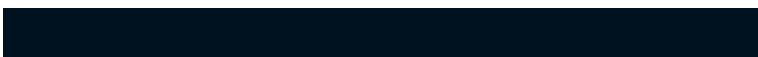
4280232639



4283783774



4278213022



4278194463



# Inverse Universe

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



4290715513



4294377611



4290753567



4284372314



4288544857



4280221713



# Previews

## White Background



This preview shows how the Android color 4280252863 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



This preview shows how the Android color 4280252863 looks on a black 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

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



# Android 4280252863 Background



This preview shows how black text looks on a background with the Android color 4280252863.



This preview shows how white text looks on a background with the Android color 4280252863.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280252863 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(31, 121, 191)` looks like.

```
.text, #text, p{  
    color:rgb(31, 121, 191)  
}
```

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(31, 121, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 121, 191) }
```

## Border

The CSS property to change the border of an element to Android 4280252863 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(31, 121, 191) }
```

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

```
.border{ border-color:rgb(31, 121, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 121, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 121, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 121, 191);  
box-shadow:4px 4px 4px 4px rgb(31, 121,  
191) }
```

# Background

The CSS property to change the background color of an element to Android 4280252863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 121, 191) }
```

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

```
.background{ background-color: rgb(31, 121,  
191) }
```

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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