

# Converting Colors

Android(4280254915)

Have a look what the booklet for  
Android(4280254915) contains.

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# Color

**Android(4280254915)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F81C3
RGB	31, 129, 195
RGB Percent	12%, 51%, 76%
CMY	0.8784, 0.4941, 0.2353
CMYK	0.84, 0.34, 0.00, 0.24
HSL	204°, 73%, 44%
HSV	204°, 84%, 76%
XYZ	18.2657, 19.9320, 54.5143
YIQ	107.2220, -79.5940, -0.2500

# Conversions

## Conversions Part 2

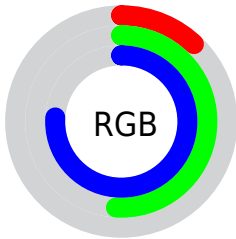
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 92, 195
Decimal	2064835
CIE <sub>Lab</sub>	51.76, -3.53, -41.98
CIE <sub>LCh</sub>	52, 42.131, 265.191
Yxy	19.9320, 0.1970, 0.2150
Android (android.graphics.Color)	4280254915 (0xFF1F81C3)
YUV	107.2220, 43.2746, -66.8467
Hunter-Lab	44.6452, -5.0996, -41.1448

# Details

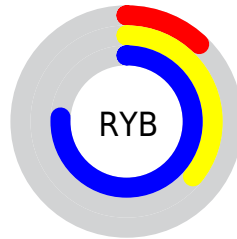
The Android color `4280254915` is a dark color, and the websafe version is hex `006699`. The color can be described as dark washed azure. A complement of this color would be `4290994463`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4285118204`, and `4278210701` is the 20% darker color. If you saturate the color by 10%, you get `4279007683`, and if you desaturate by 10%, it is `4281502147`.

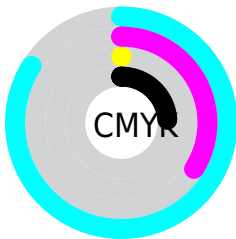
# Distribution



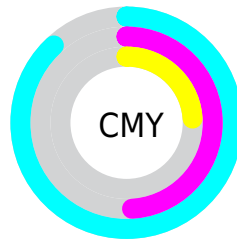
- Red (12%)
- Green (51%)
- Blue (76%)



- Red (12%)
- Yellow (36%)
- Blue (76%)



- Cyan (84%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)



- Cyan (88%)
- Magenta (49%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280254915 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 4280254915 by changing the saturation by 10% instead.





4280254915



4280254915

4294967295



4278216872



4285118204



4278210701



4287156735



4278205043



4289129983



4278199642



4291100671



4278193986



4293066751



4278190891



4278190358



4278190080



4280254915



4280254915

■ 4279007683

■ 4281502147

■ 4278220227

■ 4282814915

■ 4284127683

■ 4285374659

■ 4286687427

■ 4287934659

■ 4289247427

■ 4290494659

■ 4291807427

# Harmonies

## Analogous

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



4278225334



4280254915



4285822141

# Triad

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



4280254915



4290666335



4282747473

# Complementary

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



4280254915



4290994463

# 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.



4285694519



4280254915



4289751617

# Square

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



4280254915



4290403715



4287985457



4278226292

# Rectangle

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



4280254915



4287982511



4287985457



4283861063

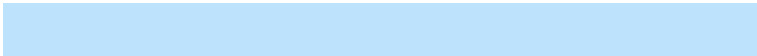


# Sweetspot

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



4280254915



4290634748



4280271713



4284051584



4278190080



4286611584

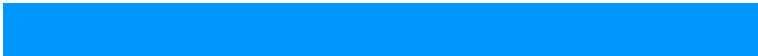


# Same Dimension

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



4280254915



4278228988



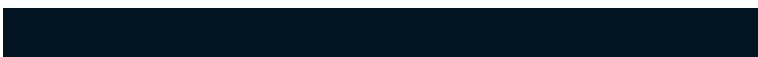
4280233923



4283915617



4278214817



4278195233



# Inverse Universe

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



4290977665



4294705303



4291015455



4284569437



4288741472



4280352788



# Previews

## White Background



This preview shows how the Android color 4280254915 looks on a white 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

# Black Background



This preview shows how the Android color 4280254915 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

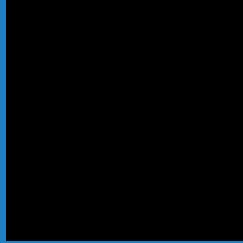
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280254915 Background



This preview shows how black text looks on a background with the Android color 4280254915.



This preview shows how white text looks on a background with the Android color 4280254915.

# 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



**Original Color**  
4280254915

**Protanomaly**  
4283071423

**Deuteranomaly**  
4282285508

**Tritanomaly**  
4278945188

# Monochromacy



**Original Color**  
4280254915

**Achromatopsia**  
4285229931

**Achromatomaly**  
4283397003

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280254915 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, 129, 195)` looks like.

```
.text, #text, p{  
    color:rgb(31, 129, 195)  
}
```

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, 129, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 129, 195) }
```

## Border

The CSS property to change the border of an element to Android 4280254915 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, 129, 195) }
```

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

```
.border{ border-color:rgb(31, 129, 195) }
```

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

Here you see how a box with a 4 pixel rgb(31, 129, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 129, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 129, 195);  
box-shadow:4px 4px 4px 4px rgb(31, 129,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4280254915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 129, 195) }
```

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

```
.background{ background-color: rgb(31, 129,  
195) }
```

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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