

# Converting Colors

Android(4280522454)

Have a look what the booklet for  
Android(4280522454) contains.

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# Color

**Android(4280522454)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2396D6
RGB	35, 150, 214
RGB Percent	14%, 59%, 84%
CMY	0.8627, 0.4118, 0.1608
CMYK	0.84, 0.30, 0.00, 0.16
HSL	201°, 72%, 49%
HSV	201°, 84%, 84%
XYZ	23.7371, 27.0251, 67.5836
YIQ	122.9110, -89.0840, -4.4760

# Conversions

## Conversions Part 2

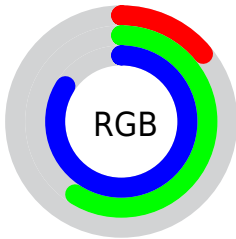
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	35, 105, 214
Decimal	2332374
CIE Lab	59.00, -8.39, -41.30
CIE LCh	59, 42.143, 258.511
Yxy	27.0251, 0.2006, 0.2284
Android (android.graphics.Color)	4280522454 (0xFF2396D6)
YUV	122.9110, 44.9069, -77.0979
Hunter-Lab	51.9856, -9.4702, -40.6897

# Details

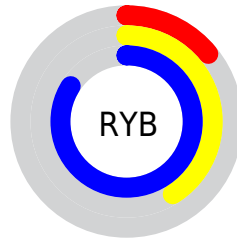
The Android color `4280522454` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle washed azure. A complement of this color would be `4292240163`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4285517055`, and `4278215583` is the 20% darker color. If you saturate the color by 10%, you get `4279144150`, and if you desaturate by 10%, it is `4281900758`.

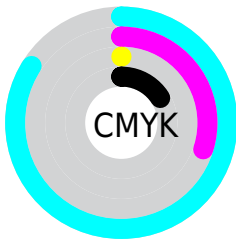
# Distribution



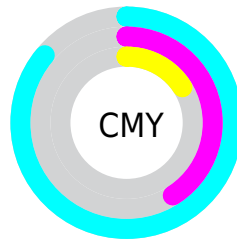
- Red (14%)
- Green (59%)
- Blue (84%)



- Red (14%)
- Yellow (41%)
- Blue (84%)



- Cyan (84%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (86%)
- Magenta (41%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280522454 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 4280522454 by changing the saturation by 10% instead.



 4280522454

 4280522454

4294967295

 4278222010

 4285517055

 4278215583

 4287621375

 4278209668

 4289593343

 4278203755

 4291624959

 4278198610

 4293656575

 4278191675

 4278190628

 4278190092

 4278190080

■ 4280522454

■ 4280522454

■ 4279144150

■ 4281900758

■ 4278225366

■ 4283344342

■ 4284722646

■ 4286166486

■ 4287544534

■ 4288922838

■ 4290366678

■ 4291744726

■ 4293188566

# Harmonies

## Analogous

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



4278230724



4280522454



4286221012

# Triad

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



4280522454



4292112504



4284717915

# Complementary

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



4280522454



4292240163

# 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.



4287533893



4280522454



4291459672

# Square

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



4280522454



4291588510



4289824580



4280524926

# Rectangle

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



4280522454



4288643272



4289824580



4285700434

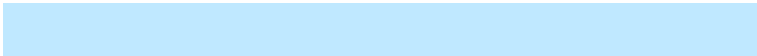


# Sweetspot

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



4280522454



4290767103



4280538722



4284052096



4278190080



4286611584

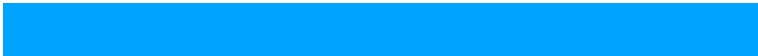


# Same Dimension

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



4280522454



4278232319



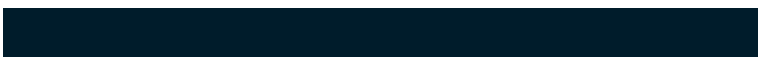
4280499926



4284508011



4278218411



4278197291



# Inverse Universe

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



4292223894



4294901924



4292262691



4285227111



4289396846



4281008156



# Previews

## White Background



This preview shows how the Android color 4280522454 looks on a white background.

## Color Contrast Check

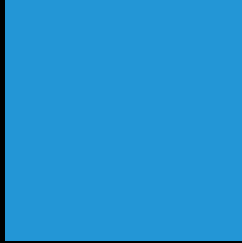
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280522454 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 4280522454 Background



This preview shows how black text looks on a background with the Android color 4280522454.



This preview shows how white text looks on a background with the Android color 4280522454.

# 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**  
4280522454

**Protanomaly**  
4284059600

**Deuteranomaly**  
4283404503

**Tritanomaly**  
4279081657

# Monochromacy



**Original Color**  
4280522454

**Achromatopsia**  
4286282619

**Achromatomaly**  
4284188060

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280522454 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(35, 150, 214)` looks like.

```
.text, #text, p{  
    color:rgb(35, 150, 214)  
}
```

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(35, 150, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 150, 214) }
```

## Border

The CSS property to change the border of an element to Android 4280522454 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(35, 150, 214) }
```

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

```
.border{ border-color:rgb(35, 150, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 150, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 150, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 150, 214);  
box-shadow:4px 4px 4px 4px rgb(35, 150,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4280522454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 150, 214) }
```

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

```
.background{ background-color: rgb(35, 150,  
214) }
```

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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