

# Converting Colors

Android(4279066572)

Have a look what the booklet for  
Android(4279066572) contains.

<b>Android(4279066572)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4279066572)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D5FCC
RGB	13, 95, 204
RGB Percent	5%, 37%, 80%
CMY	0.9490, 0.6275, 0.2000
CMYK	0.94, 0.53, 0.00, 0.20
HSL	214°, 88%, 43%
HSV	214°, 94%, 80%
XYZ	15.1573, 12.6296, 58.7656
YIQ	82.9080, -83.8610, 16.5150

# Conversions

## Conversions Part 2

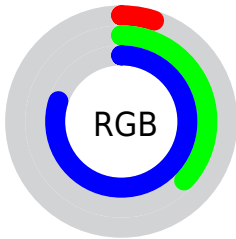
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 70, 204
Decimal	876492
CIELab	42.20, 20.28, -62.49
CIELCh	42, 65.701, 287.981
Yxy	12.6296, 0.1751, 0.1459
Android (android.graphics.Color)	4279066572 (0xFF0D5FCC)
YUV	82.9080, 59.6984, -61.3093
Hunter-Lab	35.5382, 13.9397, -73.1647

# Details

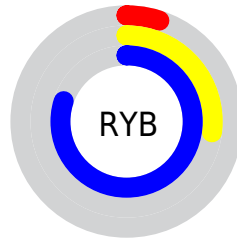
The Android color `4279066572` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed blue. A complement of this color would be `4291590669`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4284912127`, and `4278203029` is the 20% darker color. If you saturate the color by 10%, you get `4278212812`, and if you desaturate by 10%, it is `4280380364`.

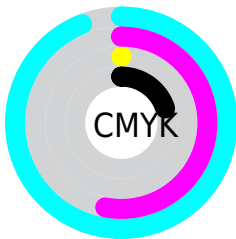
# Distribution



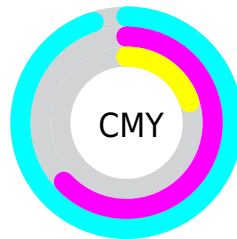
- Red (5%)
- Green (37%)
- Blue (80%)



- Red (5%)
- Yellow (27%)
- Blue (80%)



- Cyan (94%)
- Magenta (53%)
- Yellow (0%)
- Black (20%)



- Cyan (95%)
- Magenta (63%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279066572 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 4279066572 by changing the saturation by 10% instead.



 4279066572

 4279066572

4294967295

 4278208688

 4284912127

 4278203029

 4286950399

 4278198138

 4288988927

 4278191969

 4291027711

 4278192200

 4293001215

 4278191153

 4278190363

 4278190080

 4279066572

 4279066572

■ 4278212812

■ 4280380364

■ 4281759436

■ 4283073228

■ 4284452556

■ 4285766092

■ 4287079884

■ 4288458956

■ 4289772748

■ 4291152076

# Harmonies

## Analogous

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



4278219215



4279066572



4287447981

# Triad

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



4279066572



4289674767



4278221131

# Complementary

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



4279066572



4291590669

# 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.



4278220043



4279066572



4287322368

# Square

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



4279066572



4290780742



4284181248



4278221700

# Rectangle

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



4279066572



4289539213



4284181248



4278220856



# Sweetspot

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



4279066572



4290303743



4279094393



4283721600



4278190080



4286611584



# Same Dimension

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



4279066572



4278218239



4279897548



4284244070



4278208422



4278194214



# Inverse Universe

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



4291562847



4294901869



4290759693



4284898400



4289069127



4280680464



# Previews

## White Background



This preview shows how the Android color 4279066572 looks on a white background.

## Color Contrast Check

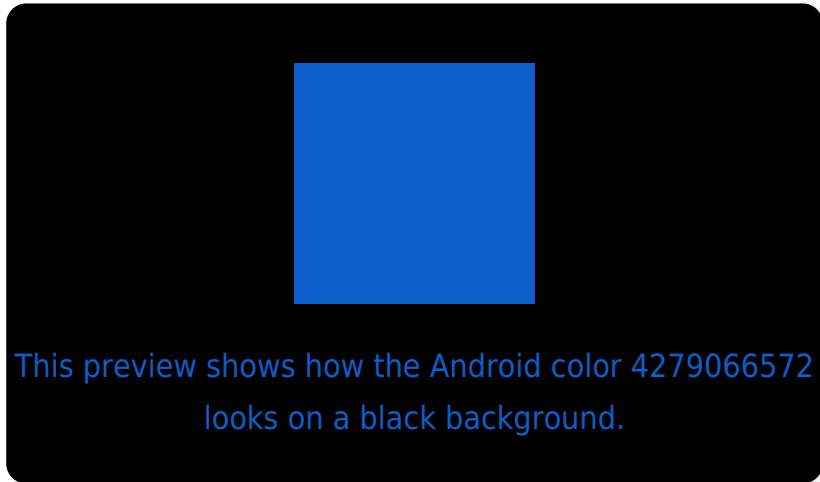
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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

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



# Android 4279066572 Background



This preview shows how black text looks on a background with the Android color 4279066572.



This preview shows how white text looks on a background with the Android color 4279066572.

# 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**

4279066572

**Protanopia**

4278214603

**Deuteranopia**

4278216367



# Trichromacy



**Original Color**  
4279066572

**Protanomaly**  
4278542283

**Deuteranomaly**  
4278543290

**Tritanomaly**  
4278544789

# Monochromacy



**Original Color**  
4279066572

**Achromatopsia**  
4283650899

**Achromatomaly**  
4282013567

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279066572 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(13, 95, 204)` looks like.

```
.text, #text, p{  
    color:rgb(13, 95, 204)  
}
```

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(13, 95, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 95, 204) }
```

## Border

The CSS property to change the border of an element to Android 4279066572 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(13, 95, 204) }
```

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

```
.border{ border-color:rgb(13, 95, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 95, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 95, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 95, 204);  
box-shadow:4px 4px 4px 4px rgb(13, 95,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4279066572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 95, 204) }
```

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

```
.background{ background-color: rgb(13, 95,  
204) }
```

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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