

# Converting Colors

Android(4281354153)

Have a look what the booklet for  
Android(4281354153) contains.

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# Color

**Android(4281354153)**

# Conversions

Conversions Part 1	
Format	Color
Hex	3047A9
RGB	48, 71, 169
RGB Percent	19%, 28%, 66%
CMY	0.8118, 0.7216, 0.3373
CMYK	0.72, 0.58, 0.00, 0.34
HSL	229°, 56%, 43%
HSV	229°, 72%, 66%
XYZ	10.6336, 7.9994, 38.5197
YIQ	75.2950, -45.1660, 25.6020

# Conversions

## Conversions Part 2

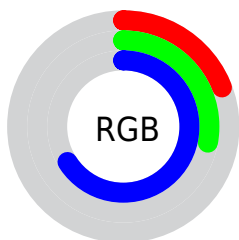
Format	Color
<a href="#">RYB</a>	<a href="#">48, 67, 169</a>
Decimal	<a href="#">3164073</a>
CIELab	<a href="#">33.98, 25.49, -55.28</a>
CIELCh	<a href="#">34, 60.868, 294.755</a>
Yxy	<a href="#">7.9994, 0.1861, 0.1400</a>
Android (android.graphics.Color)	<a href="#">4281354153</a> (0xFF3047A9)
YUV	<a href="#">75.2950, 46.1966, -23.9377</a>
Hunter-Lab	<a href="#">28.2833, 17.6145, -60.9503</a>

# Details

The Android color **4281354153** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4289303088**, and the grayscale version is **4283124555**.

A 20% lighter version of the original color is **4285429729**, and **4278197620** is the 20% darker color. If you saturate the color by 10%, you get **4280236457**, and if you desaturate by 10%, it is **4282471849**.

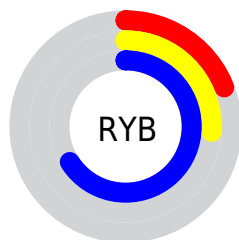
# Distribution



Red (19%)

Green (28%)

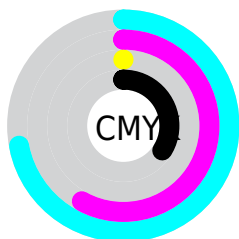
Blue (66%)



Red (19%)

Yellow (26%)

Blue (66%)

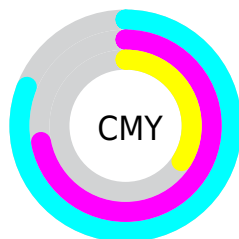


Cyan (72%)

Magenta (58%)

Yellow (0%)

Black (34%)



Cyan (81%)

Magenta (72%)

Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281354153 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 4281354153 by changing the saturation by 10% instead.



 4281354153

 4281354153

4294967295

 4278202766

 4285429729

 4278197620

 4287336958

 4278191963

 4289244159

 4278191938

 4291151615

 4278190891

 4293124863

 4278190357

 4278190080

 4281354153

 4281354153

 4280236457

 4282471849

 4279119017

 4283589289

 4278198441

 4284706985

 4285824681

 4286876585

 4287994281

 4289111977

 4290229673

 4291347113

# Harmonies

## Analogous

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



4278213042



4281354153



4286589577

# Triad

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



4281354153



4287378432



4278215494

# Complementary

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



4281354153



4289303088

# 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.



4278214671



4281354153



4285156096

# Square

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



4281354153



4288679979



4282145024



4278215799

# Rectangle

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



4281354153



4288155243



4282145024



4278215477



# Sweetspot

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



4281354153



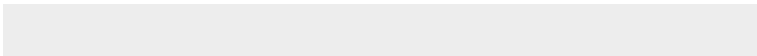
4289574619



4281379217



4283586414



4293783021



4285427310



# Same Dimension

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



4281354153



4280239067



4283707561



4283190612



4278197396



4278191124



# Inverse Universe

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



4289278023



4292550467



4286949680



4283714637



4287889436



4279500804



# Previews

## White Background



This preview shows how the Android color 4281354153 looks on a white background.

## Color Contrast Check

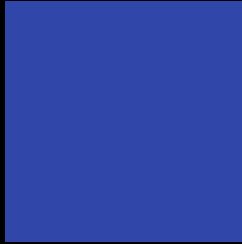
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Android color 4281354153 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

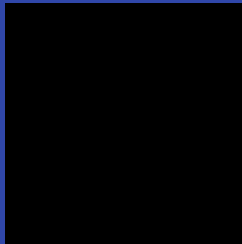
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4281354153 Background



This preview shows how black text looks on a background with the Android color 4281354153.



This preview shows how white text looks on a background with the Android color 4281354153.

# 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**

4281354153

**Protanopia**

4278209955

**Deuteranopia**

4278211212



**Tritanopia**  
4278212703

# Trichromacy

	<b>Original Color</b> 4281354153
	<b>Protanomaly</b> 4279323557
	<b>Deuteranomaly</b> 4279324311
	<b>Tritanomaly</b> 4279325306

# Monochromacy

	<b>Original Color</b> 4281354153
	<b>Achromatopsia</b> 4283124555
	<b>Achromatomaly</b> 4282468973

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281354153 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(48, 71, 169)` looks like.

```
.text, #text, p{  
    color:rgb(48, 71, 169)  
}
```

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(48, 71, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 71, 169) }
```

## Border

The CSS property to change the border of an element to Android 4281354153 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(48, 71, 169) }
```

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

```
.border{ border-color:rgb(48, 71, 169) }
```

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

Here you see how a box with a 4 pixel rgb(48, 71, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 71, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 71, 169);  
box-shadow:4px 4px 4px 4px rgb(48, 71,  
169) }
```

# Background

The CSS property to change the background color of an element to Android 4281354153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 71, 169) }
```

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

```
.background{ background-color: rgb(48, 71,  
169) }
```

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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