

# Converting Colors

Android(4280239328)

Have a look what the booklet for  
Android(4280239328) contains.

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# Color

**Android(4280239328)**

# Conversions

Conversions Part 1	
Format	Color
Hex	1F44E0
RGB	31, 68, 224
RGB Percent	12%, 27%, 88%
CMY	0.8784, 0.7333, 0.1216
CMYK	0.86, 0.70, 0.00, 0.12
HSL	228°, 76%, 50%
HSV	228°, 86%, 88%
XYZ	16.0867, 9.8074, 71.5662
YIQ	74.7210, -72.1280, 40.6720

# Conversions

## Conversions Part 2

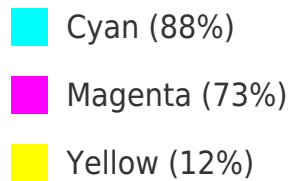
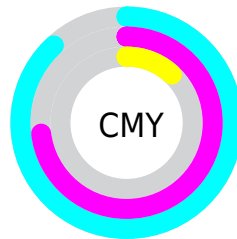
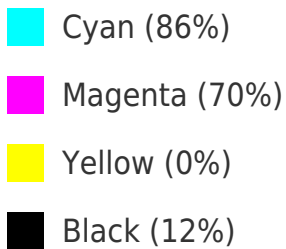
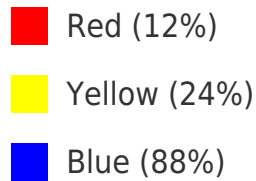
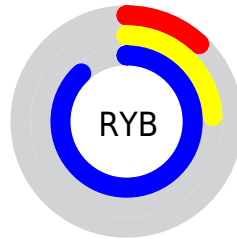
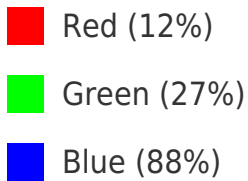
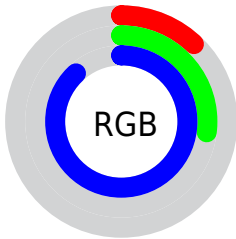
Format	Color
<a href="#">RYB</a>	<a href="#">31, 62, 224</a>
Decimal	<a href="#">2049248</a>
CIELab	<a href="#">37.49, 46.00, -81.66</a>
CIELCh	<a href="#">37, 93.723, 299.391</a>
Yxy	<a href="#">9.8074, 0.1651, 0.1006</a>
Android (android.graphics.Color)	<a href="#">4280239328</a> (0xFF1F44E0)
YUV	<a href="#">74.7210, 73.5945, -38.3433</a>
Hunter-Lab	<a href="#">31.3167, 36.8874, -113.5701</a>

# Details

The Android color **4280239328** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **4292918047**, and the grayscale version is **4283058762**.

A 20% lighter version of the original color is **4285756927**, and **4278196647** is the 20% darker color. If you saturate the color by 10%, you get **4278792928**, and if you desaturate by 10%, it is **4281685728**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4280239328 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 4280239328 by changing the saturation by 10% instead.



 4280239328

 4280239328

4294967295

 4278202051

 4285756927

 4278196647

 4287926015

 4278192268

 4289964543

 4278190193

 4292068607

 4278193240

 4294107391

 4278191935

4294966783

 4278190888

 4278190354

 4278190080

 4280239328

 4280239328

 4278792928

 4281685728

 4278201312

 4283197664

 4284644064

 4286156000

 4287602656

 4289049056

 4290560992

 4292007392

 4293519328

# Harmonies

## Analogous

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



4278216181



4280239328



4289396903

# Triad

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



4280239328



4289080320



4278219349

# Complementary

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



4280239328



4292918047

# 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.



4278218496



4280239328



4285421056

# Square

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



4280239328



4291428372



4279134208



4278219938

# Rectangle

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



4280239328



4291428471



4279134208



4278219322



# Sweetspot

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



4280239328



4290628095



4280279225



4283981952



4278190080



4286611584



# Same Dimension

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



4280239328



4278202879



4284030944



4284835696



4278198960



4278192432



# Inverse Universe

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



4292878148



4294901809



4289126431



4285556071



4289724450

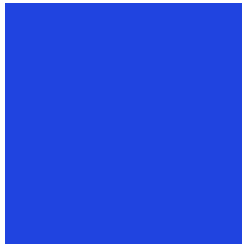


4281335817



# Previews

## White Background



This preview shows how the Android color 4280239328 looks on a white background.

## Color Contrast Check

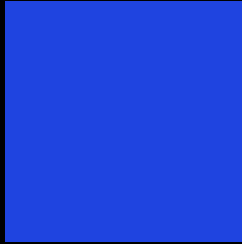
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280239328 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

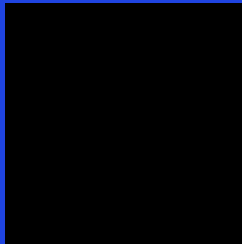
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4280239328 Background



This preview shows how black text looks on a background with the Android color 4280239328.



This preview shows how white text looks on a background with the Android color 4280239328.

# 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**

4280239328

**Protanopia**

4278211762

**Deuteranopia**

4278213272



**Tritanopia**  
4278215015

# Trichromacy

	<b>Original Color</b> 4280239328
	<b>Protanomaly</b> 4278931139
	<b>Deuteranomaly</b> 4278932146
	<b>Tritanomaly</b> 4278933139

# Monochromacy

	<b>Original Color</b> 4280239328
	<b>Achromatopsia</b> 4283124555
	<b>Achromatomaly</b> 4282075265

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280239328 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, 68, 224)` looks like.

```
.text, #text, p{  
    color:rgb(31, 68, 224)  
}
```

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, 68, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 68, 224) }
```

## Border

The CSS property to change the border of an element to Android 4280239328 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, 68, 224) }
```

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

```
.border{ border-color:rgb(31, 68, 224) }
```

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

Here you see how a box with a 4 pixel rgb(31, 68, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 68, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 68, 224);  
box-shadow:4px 4px 4px 4px rgb(31, 68,  
224) }
```

# Background

The CSS property to change the background color of an element to Android 4280239328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(31, 68, 224) }
```

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

```
.background{ background-color:rgb(31, 68,  
224) }
```

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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