

# Converting Colors

Android(4279520945)

Have a look what the booklet for  
Android(4279520945) contains.

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# Color

**Android(4279520945)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	144EB1
RGB	20, 78, 177
RGB Percent	8%, 31%, 69%
CMY	0.9216, 0.6941, 0.3059
CMYK	0.89, 0.56, 0.00, 0.31
HSL	218°, 80%, 39%
HSV	218°, 89%, 69%
XYZ	10.9487, 8.7718, 42.7110
YIQ	71.9440, -66.3470, 18.4930

# Conversions

## Conversions Part 2

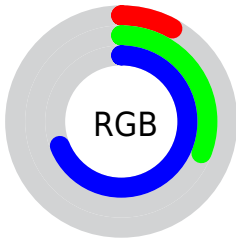
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	20, 62, 177
Decimal	1330865
CIE Lab	35.54, 21.12, -57.54
CIE LCh	36, 61.295, 290.157
Yxy	8.7718, 0.1754, 0.1405
Android (android.graphics.Color)	4279520945 (0xFF144EB1)
YUV	71.9440, 51.7926, -45.5549
Hunter-Lab	29.6173, 14.1563, -64.7700

# Details

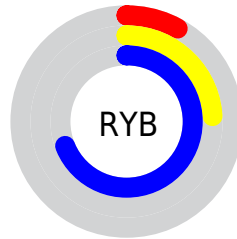
The Android color `4279520945` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289820436`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4284579561`, and `4278199163` is the 20% darker color. If you saturate the color by 10%, you get `4278338481`, and if you desaturate by 10%, it is `4280703409`.

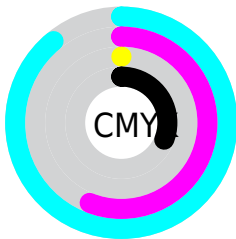
# Distribution



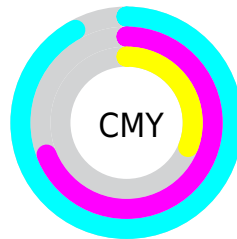
- Red (8%)
- Green (31%)
- Blue (69%)



- Red (8%)
- Yellow (24%)
- Blue (69%)



- Cyan (89%)
- Magenta (56%)
- Yellow (0%)
- Black (31%)



- Cyan (92%)
- Magenta (69%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279520945 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 4279520945 by changing the saturation by 10% instead.



 4279520945

 4279520945

4294967295

 4278204566

 4284579561

 4278199163

 4286552319

 4278194530

 4288525311

 4278191945

 4290498303

 4278191154

 4292406015

 4278190364

 4294443007

 4278190080

 4279520945

 4279520945

 4278338481

 4280703409

■ 4278206897

■ 4281820337

■ 4283002801

■ 4284185521

■ 4285302449

■ 4286484913

■ 4287667377

■ 4288849841

■ 4289966769

# Harmonies

## Analogous

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



4278214581



4279520945



4286329747

# Triad

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



4279520945



4287968001



4278216513

# Complementary

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



4279520945



4289820436

# 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.



4278215430



4279520945



4285811712

# Square

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



4279520945



4289073205



4282931968



4278216820

# Rectangle

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



4279520945



4288158326



4282931968



4278216240



# Sweetspot

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



4279520945



4289248998



4279546229



4283325555



4294111986



4285756275



# Same Dimension

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



4279520945



4278212070



4280685745



4283454553



4278204825



4278192410



# Inverse Universe

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



4289795150



4293263445



4288655636



4284043348



4288217145



4279894025



# Previews

## White Background



This preview shows how the Android color 4279520945 looks on a white background.

## Color Contrast Check

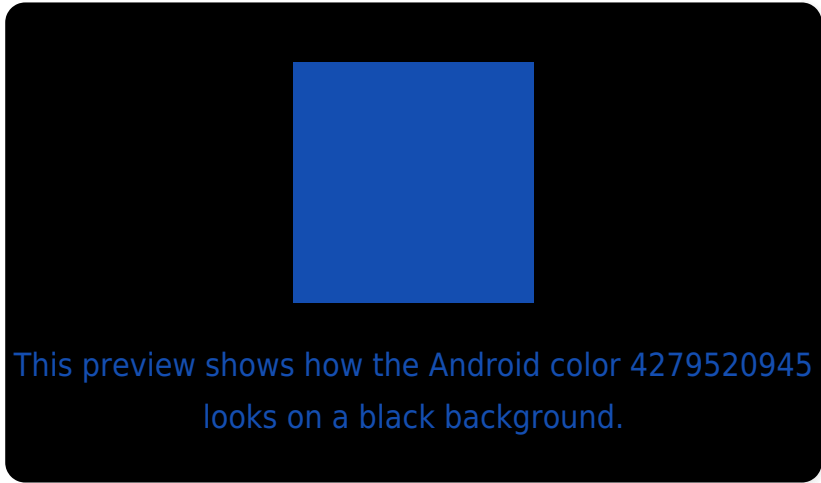
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## 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 4279520945 Background



This preview shows how black text looks on a background with the Android color 4279520945.



This preview shows how white text looks on a background with the Android color 4279520945.

# 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**

4279520945

**Protanopia**

4278210731

**Deuteranopia**

4278211987



# Trichromacy



**Original Color**

4279520945

**Protanomaly**

4278669229

**Deuteranomaly**

4278669982

**Tritanomaly**

4278671487

# Monochromacy



**Original Color**

4279520945

**Achromatopsia**

4282927176

**Achromatomaly**

4281682542

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279520945 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(20, 78, 177)` looks like.

```
.text, #text, p{  
    color:rgb(20, 78, 177)  
}
```

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(20, 78, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 78, 177) }
```

## Border

The CSS property to change the border of an element to Android 4279520945 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(20, 78, 177) }
```

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

```
.border{ border-color:rgb(20, 78, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 78, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 78, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 78, 177);  
box-shadow:4px 4px 4px 4px rgb(20, 78,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4279520945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 78, 177) }
```

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

```
.background{ background-color: rgb(20, 78,  
177) }
```

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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