

# Converting Colors

Android(4279776195)

Have a look what the booklet for  
Android(4279776195) contains.

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# Color

**Android(4279776195)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1833C3
RGB	24, 51, 195
RGB Percent	9%, 20%, 76%
CMY	0.9059, 0.8000, 0.2353
CMYK	0.88, 0.74, 0.00, 0.24
HSL	231°, 78%, 43%
HSV	231°, 88%, 76%
XYZ	11.4108, 6.5020, 52.2833
YIQ	59.3430, -62.3160, 39.0600

# Conversions

## Conversions Part 2

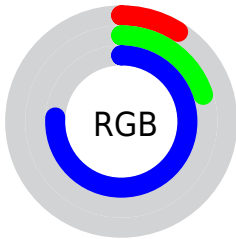
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 47, 195
Decimal	1586115
CIE <sub>Lab</sub>	30.65, 45.60, -76.19
CIE <sub>LCh</sub>	31, 88.796, 300.901
Yxy	6.5020, 0.1626, 0.0926
Android (android.graphics.Color)	4279776195 (0xFF1833C3)
YUV	59.3430, 66.8789, -30.9958
Hunter-Lab	25.4990, 35.2559, -103.7196

# Details

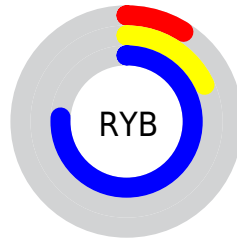
The Android color `4279776195` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291012632`, and the grayscale version is `4282071867`.

A 20% lighter version of the original color is `4285162237`, and `4278192524` is the 20% darker color. If you saturate the color by 10%, you get `4278526915`, and if you desaturate by 10%, it is `4281025475`.

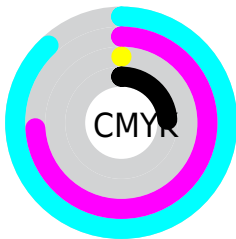
# Distribution



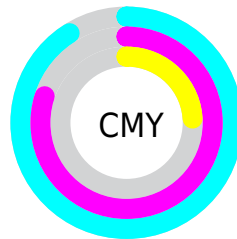
- Red (9%)
- Green (20%)
- Blue (76%)



- Red (9%)
- Yellow (18%)
- Blue (76%)



- Cyan (88%)
- Magenta (74%)
- Yellow (0%)
- Black (24%)



- Cyan (91%)
- Magenta (80%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279776195 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 4279776195 by changing the saturation by 10% instead.



 4279776195

 4279776195

4294967295

 4278197671

 4285162237


 4278192524

 4287266047

 4278190193

 4289238783

 4278192216

 4291277311

 4278191679

 4293315839

 4278190888

 4294961663

 4278190354

 4278190080

 4279776195

 4279776195

■ 4278526915

■ 4281025475

■ 4278198211

■ 4282340547

■ 4283589827

■ 4284904899

■ 4286219715

■ 4287469251

■ 4288718531

■ 4290033347

■ 4291282883

# Harmonies

## Analogous

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



4278211800



4279776195



4288020621

# Triad

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



4279776195



4287307776



4278214473

# Complementary

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



4279776195



4291012632

# 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.



4278213888



4279776195



4283909888

# Square

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



4279776195



4289593348



4278212352



4278215055

# Rectangle

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



4279776195



4289724512



4278212352



4278214192



# Sweetspot

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



4279776195



4290495996



4279813030



4283981440



4278190080



4286611584



# Same Dimension

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



4279776195



4278200572



4283504835



4283914593



4278196641



4278191393



# Inverse Universe

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



4290975795



4294705192



4287283992



4284569433



4288741401

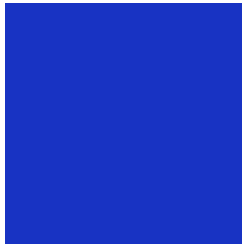


4280352773



# Previews

## White Background



This preview shows how the Android color 4279776195 looks on a white background.

## Color Contrast Check

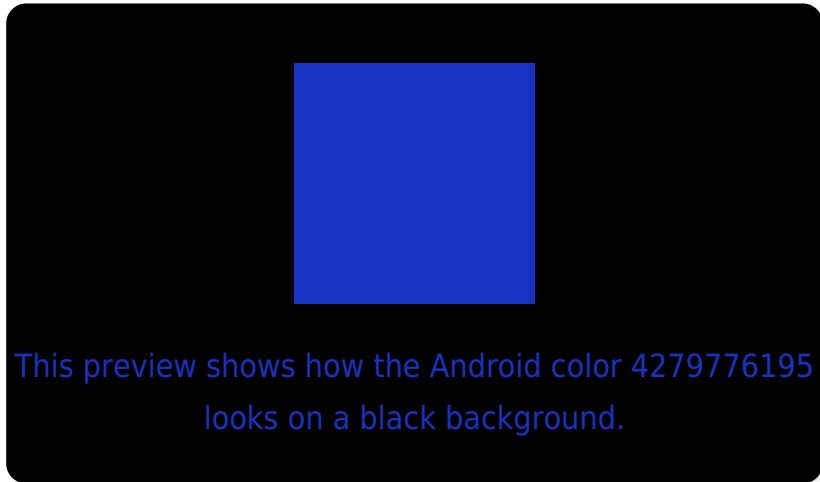
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279776195 Background



This preview shows how black text looks on a background with the Android color 4279776195.



This preview shows how white text looks on a background with the Android color 4279776195.

# 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**

4279776195

**Protanopia**

4278207890

**Deuteranopia**

4278209148



# Trichromacy



**Original Color**

4279776195

**Protanomaly**

4278795940

**Deuteranomaly**

4278796950

**Tritanomaly**

4278797692

# Monochromacy



**Original Color**

4279776195

**Achromatopsia**

4282071867

**Achromatomaly**

4281219180

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279776195 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(24, 51, 195)` looks like.

```
.text, #text, p{  
    color:rgb(24, 51, 195)  
}
```

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(24, 51, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 51, 195) }
```

## Border

The CSS property to change the border of an element to Android 4279776195 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(24, 51, 195) }
```

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

```
.border{ border-color:rgb(24, 51, 195) }
```

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

Here you see how a box with a 4 pixel rgb(24, 51, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 51, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 51, 195);  
box-shadow:4px 4px 4px 4px rgb(24, 51,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4279776195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 51, 195) }
```

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

```
.background{ background-color: rgb(24, 51,  
195) }
```

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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