

# Converting Colors

Android(4280305295)

Have a look what the booklet for  
Android(4280305295) contains.

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# Color

**Android(4280305295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	20468F
RGB	32, 70, 143
RGB Percent	13%, 27%, 56%
CMY	0.8745, 0.7255, 0.4392
CMYK	0.78, 0.51, 0.00, 0.44
HSL	219°, 63%, 34%
HSV	219°, 78%, 56%
XYZ	7.7437, 6.6706, 26.8660
YIQ	66.9600, -46.0810, 14.6470

# Conversions

## Conversions Part 2

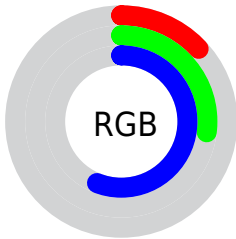
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 60, 143
Decimal	2115215
CIE <sub>Lab</sub>	31.04, 13.98, -44.33
CIE <sub>LCh</sub>	31, 46.482, 287.501
Yxy	6.6706, 0.1876, 0.1616
Android (android.graphics.Color)	4280305295 (0xFF20468F)
YUV	66.9600, 37.4877, -30.6599
Hunter-Lab	25.8274, 8.3210, -43.5950

# Details

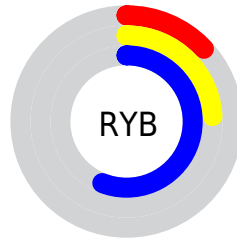
The Android color `4280305295` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4287588640`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4284380869`, and `4278197340` is the 20% darker color. If you saturate the color by 10%, you get `4279385487`, and if you desaturate by 10%, it is `4281225103`.

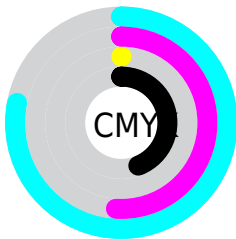
# Distribution



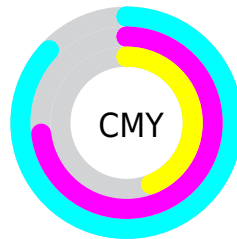
- Red (13%)
- Green (27%)
- Blue (56%)



- Red (13%)
- Yellow (24%)
- Blue (56%)



- Cyan (78%)
- Magenta (51%)
- Yellow (0%)
- Black (44%)



- Cyan (87%)
- Magenta (73%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280305295 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 4280305295 by changing the saturation by 10% instead.



 4280305295

 4280305295

4294967295

 4278202485

 4284380869

 4278197340

 4286222306


 4278190148

 4288064255

 4278190893

 4289906175

 4278190359

 4291813887

 4278190080

 4293787135

 4280305295

 4280305295

 4279385487

 4281225103

■ 4278399887

■ 4282210703

■ 4278202767

■ 4283130511

■ 4284050575

■ 4285035919

■ 4285955727

■ 4286875791

■ 4287795599

■ 4288781199

# Harmonies

## Analogous

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



4278211216



4280305295



4284822907

# Triad

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



4280305295



4286460179



4278212664

# Complementary

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



4280305295



4287588640

# 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.



4279522578



4280305295



4284891648

# Square

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



4280305295



4287177270



4282732032



4278212958

# Rectangle

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



4280305295



4286261350



4282732032



4278212651



# Sweetspot

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



4280305295



4287602362



4280323944



4282666334



4292796126



4284374622



# Same Dimension

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



4280305295



4279060666



4281409679



4282401607



4278201991



4278190856



# Inverse Universe

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



4287569990



4290383176



4286484256



4282859587



4287037486



4278714371



# Previews

## White Background



This preview shows how the Android color 4280305295 looks on a white background.

## Color Contrast Check

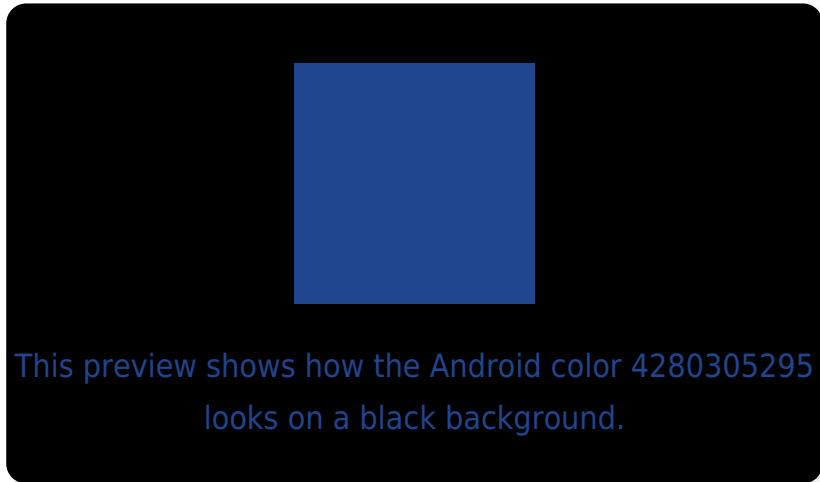
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280305295 Background



This preview shows how black text looks on a background with the Android color 4280305295.



This preview shows how white text looks on a background with the Android color 4280305295.

# 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**

4280305295

**Protanopia**

4279977615

**Deuteranopia**

4278209410



# Trichromacy



**Original Color**  
4280305295

**Protanomaly**  
4280108687

**Deuteranomaly**  
4278995335

**Tritanomaly**  
4278996331

# Monochromacy



**Original Color**  
4280305295

**Achromatopsia**  
4282598211

**Achromatomaly**  
4281746527

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280305295 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(32, 70, 143)` looks like.

```
.text, #text, p{  
    color:rgb(32, 70, 143)  
}
```

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(32, 70, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 70, 143) }
```

## Border

The CSS property to change the border of an element to Android 4280305295 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(32, 70, 143) }
```

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

```
.border{ border-color:rgb(32, 70, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 70, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 70, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 70, 143);  
box-shadow:4px 4px 4px 4px rgb(32, 70,  
143) }
```

# Background

The CSS property to change the background color of an element to Android 4280305295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 70, 143) }
```

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

```
.background{ background-color: rgb(32, 70,  
143) }
```

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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