

# Converting Colors

Android(4280705184)

Have a look what the booklet for  
Android(4280705184) contains.

<b>Android(4280705184)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4280705184)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2660A0
RGB	38, 96, 160
RGB Percent	15%, 38%, 63%
CMY	0.8510, 0.6235, 0.3725
CMYK	0.76, 0.40, 0.00, 0.37
HSL	211°, 62%, 39%
HSV	211°, 76%, 63%
XYZ	11.3274, 11.3159, 34.8449
YIQ	85.9540, -55.1120, 7.6080

# Conversions

## Conversions Part 2

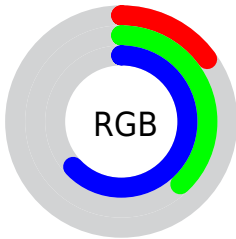
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 77, 160
Decimal	2515104
CIE Lab	40.11, 4.21, -40.06
CIE LCh	40, 40.285, 276.003
Yxy	11.3159, 0.1970, 0.1968
Android (android.graphics.Color)	4280705184 (0xFF2660A0)
YUV	85.9540, 36.5047, -42.0557
Hunter-Lab	33.6391, 1.2383, -37.8679

# Details

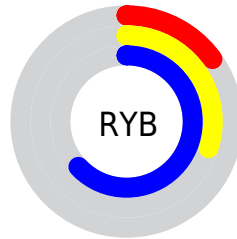
The Android color `4280705184` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288701990`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284781271`, and `4278203244` is the 20% darker color. If you saturate the color by 10%, you get `4279654560`, and if you desaturate by 10%, it is `4281755808`.

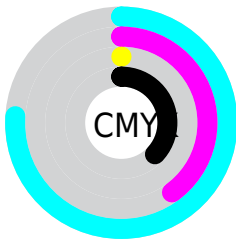
# Distribution



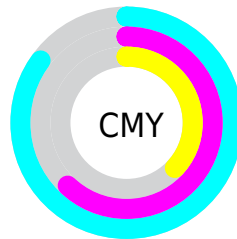
- Red (15%)
- Green (38%)
- Blue (63%)



- Red (15%)
- Yellow (30%)
- Blue (63%)



- Cyan (76%)
- Magenta (40%)
- Yellow (0%)
- Black (37%)



- Cyan (85%)
- Magenta (62%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280705184 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 4280705184 by changing the saturation by 10% instead.



■ 4280705184

■ 4280705184

4294967295

■ 4278208902

■ 4284781271

■ 4278203244

■ 4286688756

■ 4278197843

■ 4288596223

■ 4278190908

■ 4290503935

■ 4278190629

■ 4292411391

■ 4278190350

■ 4294311935

■ 4278190080

■ 4280705184

■ 4280705184

■ 4279654560

■ 4281755808

■ 4278603680

■ 4282806688

■ 4278209696

■ 4283857312

■ 4284908192

■ 4285958816

■ 4287009440

■ 4288060320

■ 4289110944

■ 4290161824

# Harmonies

## Analogous

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



4278217114



4280705184



4285092756

# Triad

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



4280705184



4288104250



4278938946

# Complementary

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



4280705184



4288701990

# 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.



4282935334



4280705184



4286927649

# Square

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



4280705184



4288299097



4285161239



4278218596

# Rectangle

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



4280705184



4286728836



4285161239



4280838968



# Sweetspot

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



4280705184



4288788689



4280721509



4283128169



4293454056



4285098345



# Same Dimension

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



4280705184



4279332049



4280821408



4282862415



4278207631



4278191887



# Inverse Universe

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



4288685664



4291891564



4288585766



4283385675



4287561796



4279173127



# Previews

## White Background



This preview shows how the Android color 4280705184 looks on a white background.

## Color Contrast Check

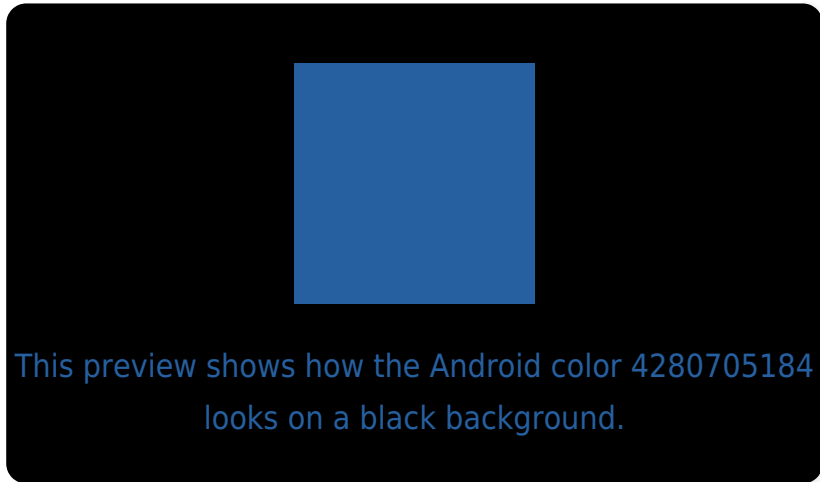
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4280705184 Background



This preview shows how black text looks on a background with the Android color 4280705184.



This preview shows how white text looks on a background with the Android color 4280705184.

# 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**

4280705184

**Protanopia**

4282670236

**Deuteranopia**

4281229216



# Trichromacy



**Original Color**  
4280705184

**Protanomaly**  
4281949597

**Deuteranomaly**  
4281032608

**Tritanomaly**  
4279133826

# Monochromacy



**Original Color**  
4280705184

**Achromatopsia**  
4283848278

**Achromatomaly**  
4282735217

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280705184 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(38, 96, 160)` looks like.

```
.text, #text, p{  
    color:rgb(38, 96, 160)  
}
```

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(38, 96, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 96, 160) }
```

## Border

The CSS property to change the border of an element to Android 4280705184 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(38, 96, 160) }
```

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

```
.border{ border-color:rgb(38, 96, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 96, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 96, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 96, 160);  
box-shadow:4px 4px 4px 4px rgb(38, 96,  
160) }
```

# Background

The CSS property to change the background color of an element to Android 4280705184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 96, 160) }
```

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

```
.background{ background-color: rgb(38, 96,  
160) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor