

# Converting Colors

Android(4280835526)

Have a look what the booklet for  
Android(4280835526) contains.

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# Color

**Android(4280835526)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	285DC6
RGB	40, 93, 198
RGB Percent	16%, 36%, 78%
CMY	0.8431, 0.6353, 0.2235
CMYK	0.80, 0.53, 0.00, 0.22
HSL	220°, 66%, 47%
HSV	220°, 80%, 78%
XYZ	14.9825, 12.3570, 55.0216
YIQ	89.1230, -65.2930, 21.4190

# Conversions

## Conversions Part 2

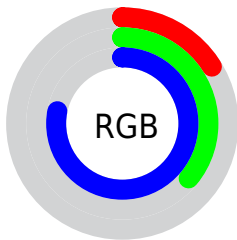
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 80, 198
Decimal	2645446
CIE <sub>Lab</sub>	41.78, 21.05, -59.68
CIE <sub>LCh</sub>	42, 63.289, 289.430
Yxy	12.3570, 0.1819, 0.1500
Android (android.graphics.Color)	4280835526 (0xFF285DC6)
YUV	89.1230, 53.6764, -43.0809
Hunter-Lab	35.1526, 14.5619, -68.1952

# Details

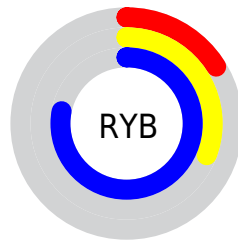
The Android color `4280835526` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted blue. A complement of this color would be `4291203368`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4285435903`, and `4278202511` is the 20% darker color. If you saturate the color by 10%, you get `4279521478`, and if you desaturate by 10%, it is `4282149574`.

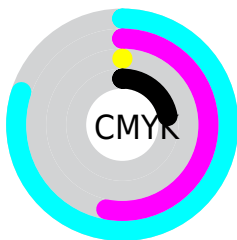
# Distribution



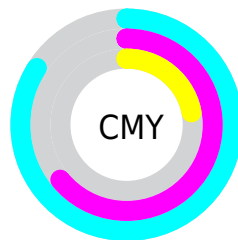
- Red (16%)
- Green (36%)
- Blue (78%)



- Red (16%)
- Yellow (31%)
- Blue (78%)



- Cyan (80%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (64%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280835526 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 4280835526 by changing the saturation by 10% instead.





4280835526



4280835526

4294967295



4278208170



4285435903



4278202511



4287474175



4278197621



4289447167



4278191196



4291420415



4278191939



4293393663



4278190892



4278190358



4278190080



4280835526



4280835526

■ 4279521478

■ 4282149574

■ 4278207430

■ 4283463622

■ 4278207174

■ 4284712134

■ 4286026438

■ 4287340486

■ 4288654534

■ 4289968582

■ 4291217094

■ 4292531142

# Harmonies

## Analogous

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



4278218442



4280835526



4287447719

# Triad

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



4280835526



4289347855



4278220878

# Complementary

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



4280835526



4291203368

# 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.



4278219796



4280835526



4287060480

# Square

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



4280835526



4290520132



4283984384



4278221188

# Rectangle

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



4280835526



4289408392



4283984384



4278220603



# Sweetspot

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



4280835526



4290959103



4280862351



4284180352



4278190080



4286611584



# Same Dimension

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



4280835526



4278869247



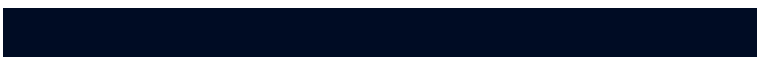
4282394822



4284112227



4278204323



4278193188



# Inverse Universe

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



4291176541



4294904412



4289644072



4284701277



4288872503



4280549388



# Previews

## White Background



This preview shows how the Android color 4280835526 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



This preview shows how the Android color 4280835526 looks on a 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 4280835526 Background



This preview shows how black text looks on a background with the Android color 4280835526.



This preview shows how white text looks on a background with the Android color 4280835526.

# 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**

4280835526

**Protanopia**

4279328456

**Deuteranopia**

4278215854



# Trichromacy



**Original Color**

4280835526

**Protanomaly**

4279852743

**Deuteranomaly**

4279198135

**Tritanomaly**

4279199634

# Monochromacy



**Original Color**

4280835526

**Achromatopsia**

4284045657

**Achromatomaly**

4282866305

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280835526 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(40, 93, 198)` looks like.

```
.text, #text, p{  
    color:rgb(40, 93, 198)  
}
```

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(40, 93, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 93, 198) }
```

## Border

The CSS property to change the border of an element to Android 4280835526 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(40, 93, 198) }
```

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

```
.border{ border-color:rgb(40, 93, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 93, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 93, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 93, 198);  
box-shadow:4px 4px 4px 4px rgb(40, 93,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4280835526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 93, 198) }
```

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

```
.background{ background-color: rgb(40, 93,  
198) }
```

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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